

Government of West Bengal

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

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



Annual Report for the Year 2014

Released on 59th Foundation Day – Jan 16, 2015

In Memoriam



**Dr. Arti Waskel – DM Neurology Resident
With us till Oct 17, 2014**

Rest in Peace, Dear Colleague !

You were an irreplaceable friend, a great colleague and above all a good doctor. We will remember you for your incredible zest for life and the tremendous positive influence on all around you. Your presence at Bangur Institute of Neurosciences will never be forgotten.

There are things that we don't want but have to accept. At times like this, we are reminded of the fragility of human life and the resilience of the human soul. Our department is truly a family and we must rely on one another and support each other under these tragic circumstances.

We extend our heartfelt empathy to your family members in this hour of grief and pray to Almighty that you rest in peace in the heavenly abode.

With profound grief,

Faculty, students and staff of Department of Neurology, Bangur Institute of Neurosciences, IPGMER, Kolkata.

Director's Address

Distinguished dignitaries, faculty members, students, staff, ladies & gentlemen,

It is my great pleasure to welcome you all to the Foundation Day ceremony of this apex Medical Research Institute of our country. I convey my heart-felt thanks to all of you for joining us on this auspicious day.

Continuous renovation and repair works and upgradation of infrastructure is going on in full swing. The Endocrinology Dept. is being constructed in place of the CIB building. The Trauma Center construction work has been completed up to the second floor. Proposal and plan for starting a new nine storied OPD Building Complex has been submitted where Dental and Dermatology departments will be given separate floors. Some RMO rooms will also be there. Two stories of Urology-Nephrology Building is complete, where Urology and Nephrology OPD have started functioning. We have taken up a project for upgradation of Oncology Department into a 6-storied composite treatment center. Three stories of the New Academic Building have been made operational and was inaugurated by Honorable Chief Minister Mamata Banerjee on Oct 22, 2014. A 44 bed Emergency Observation Ward, Fair Price Medicine shop and 30 bed Nephrology Ward at Sambhu Nath Pandit Hospital are now fully operational. New wing of the Dept. of Hepatology and Pediatric Gastroenterology (40 beds) was opened in the PG Polyclinic. A Human Milk Banking facility was opened in the Dept. of Neonatology.

Basic biomedical research is being undertaken by different departments funded by agencies like ICMR, DST, CSIR, DAE, UGC, DRDO and WBDST. Five departments namely Biochemistry, Endocrinology, Pharmacology, Rheumatology and School of Digestive & Liver Diseases are receiving DST-FIST funding along with the Biomedical Genomics Centre (DBT, Govt. of India, an initiative of National Institute of Biomedical Genomics, Kalyani).

We have procured a huge quantity of medical equipment over the past year, of which electron microscope, heart-lung machines, CO₂ lasers are particularly noteworthy. Our Medical Records Section is being digitized and internet connectivity through the National Knowledge Network has been extended to all academic departments. The Central Library has been accessing the full text of 290 medical journals by linking up with the ERMED consortium initiative of the National Medical Library, New Delhi.

On the academic front, there is a steady increase in activity evident as you turn over the pages of this annual report. The institute is running undergraduate and postgraduate courses in medicine, nursing, physiotherapy and paramedical disciplines. Institute faculty are supervising PhD candidates registered with various universities. The Medical Council of India has permitted increase of a large number of postgraduate and postdoctoral seats, many of which have been recognized in 2013-14. The remaining permitted seats are expected to be recognized in 2015. We are among the few institutions in India offering such a large number of postgraduate and postdoctoral seats.

I convey my heartfelt thanks to all the teachers and students, MSVP, Dean of Student Affairs, Secretaries, Accounts Officer, Assistant Superintendents, Medical Officers, Nursing Personnel, Technical Staff, Office staff, PWD Civil & Electrical Department officials and staff and also my higher authorities for their whole-hearted assistance, co-operation and constructive suggestions.

Long live IPGME&R.

Prof. Pradip Kumar Mitra
Director, IPGME&R

Date: 03/01/2015

59th Foundation Day Celebration IPGME&R, Kolkata

TENTATIVE PROGRAMME IN BRIEF

16th January, 2014 (Friday) Inauguration and Scientific session

9:15 AM	Flag hoisting Prof. Anup Majumdar Consultant Oncologist & Former Head, Dept. of Radiotherapy, IPGME&R, Kolkata
9:30 AM	Award Paper Session I
11:00 AM	Sir Ronald Ross Oration Prof. Amitava Nandy Director, CENTROMAP – Center for Tropical Medicine & Parasitology, Kolkata
11:30 PM	Dr. Arun Banerjee Memorial Oration Prof. Nitai P. Bhattacharya Director, Biomedical Genomics Centre, IPGME&R
12:00 PM	Inauguration
1:30 PM	Prize distribution
2:30 PM	Award Paper Session II

17th January, 2014 (Saturday) Quiz session

11:00 AM	Medical Quiz
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Pediatric Surgery	104
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Pulmonary Medicine (Chest)	142
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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 2015	Prof. Nitai P. Bhattacharyya
2.	Dr. Arun Banerjee Memorial Oration 2015	Prof. Amitabha Nandy
3.	Medal for Proficiency in Annual Examination – MD (General Medicine) Session 2012-2015	Dr. Manoj Kumar Roy
4.	Medal for Proficiency in Annual Examination – MS (General Surgery) Session 2012-2015	Dr. Raghavan Sriniket
5.	Medal for Proficiency in Annual Examination – MS (Obstetrics & Gynecology) Session 2012-2015	Dr. Smriti Prasad
6.	Medal for Proficiency in Thesis Work – MD (General Medicine) Session 2012-2015	Dr. Mrinal Kumar Acharya
7.	Medal for Proficiency in Thesis Work – MS (General Surgery) Session 2012-2015	Dr. Subhamitra Chaudhuri
8.	Medal for Proficiency in Thesis Work – MS (Obstetrics & Gynecology) Session 2012-2015	Dr, Neha Ladha
9.	Prof. Amal Kumar Bose Memorial Award for obtaining highest marks in MD (Anesthesiology) 2014 from IPGME&R	Dr. Chiranjib Sarkar
10.	Dr. Prabir Sengupta Memorial Award for excellence in MD (Radiodiagnosis) 2014 from IPGME&R	Dr. Shamick Biswas
11.	Madhusudan Saha Memorial Award for obtaining highest marks in MS (General Surgery) 2014 from IPGME&R	Dr. Bappaditya Har
12.	Niharbala Ghosh Memorial Award for obtaining highest marks in MS (Obstetrics & Gynecology) 2014 from IPGME&R	Dr. Khushboo
13.	Dr. Purnima Mukherjee & Smt. Kalyani Dutta Gupta Award for best thesis in Anesthesiology in 2014 among students of IPGME&R	Dr. Dwaipayan Jha
14.	Dr. K. P. Sengupta Memorial Award for highest marks in MD Pathology university examination in 2014 among students of IPGME&R.	Dr. Shatavisha Dasgupta
15.	Pushpa Rani Saha Memorial Award for obtaining highest marks in Surgery in Final MBBS Examination 2014 from lady students of IPGME&R	Doyel Sinha
16.	Medal for proficiency in Second Year General Nursing & Midwifery Examination 2014	Shatarupa Barman
17.	Medal for proficiency in Preliminary General Nursing & Midwifery Examination 2014	Jhilik Acharjee
18.	Medal for proficiency in BPT Final Examination 2014	Shriya Das

Certificate awards

1.	Certificate for Senior Class Assistantship in Anatomy 2014	Debtanu Banerjee
2.	Certificate for Junior Class Assistantship in Anatomy 2014	Debroop Sengupta
3.	Certificate for Senior Class Assistantship in Physiology 2014	Debtanu Banerjee
4.	Certificate for Junior Class Assistantship in Physiology 2014	Debroop Sengupta, Niladri Das
5.	Certificate for Senior Class Assistantship in Pathology 2014	Ronit Roy
6.	Certificate for Junior Class Assistantship in Pathology 2014	Ayan Mukherjee
7.	Certificate for Senior Class Assistantship in Community Medicine 2014	Debanjan Bose
8.	Certificate for Junior Class Assistantship in Community Medicine 2014	Souvik Samaddar
9.	Certificate of Merit for securing highest marks in 1st Professional MBBS Examination among students of IPGME&R 2014	Debtanu Banerjee
10.	Certificate of Merit for securing highest marks in 2nd Professional MBBS Examination among students of IPGME&R 2014	Debanjan Bose
11.	Certificate of Merit for securing highest marks in 3rd Professional Part I MBBS Examination among students of IPGME&R 2014	Indrani Basak
12.	Certificate of Merit for securing highest marks in Third Professional Part II MBBS Examination among students of IPGME&R 2014	Abhinav Pande
13.	First Certificate of Merit for Proficiency in Annual Examination – MD (General Medicine) Session 2012-2015	Dr. Mrinal Kumar Acharya
14.	First Certificate of Merit for Proficiency in Annual Examination – MS (General Surgery) Session 2012-2015	Dr. Anshuman Ashu
15.	First Certificate of Merit for Proficiency in Annual Examination – MS (Obstetrics & Gynecology) Session 2012-2015	Dr. Aunik Das
16.	Second Certificate of Merit for Proficiency in Annual Examination – MD (General Medicine) Session 2012-2015	Dr. Subrata Chakraborti
17.	Second Certificate of Merit for Proficiency in Annual Examination – MS (General Surgery) Session 2012-2015	Dr. Abhishek Kumar
18.	Second Certificate of Merit for Proficiency in Annual Examination – MS (Obstetrics & Gynecology) Session 2012-2015	Dr. Sujitha G.
19.	First Certificate of Merit for Proficiency in Thesis Work – MD (General Medicine) Session 2012-2015	Dr. Joydip Datta
20.	First Certificate of Merit for Proficiency in Thesis Work – MS (General Surgery) Session 2011-2014	Dr. Debraj Saha
21.	First Certificate of Merit for Proficiency in Thesis Work – MS (Obstetrics & Gynecology) Session 2012-2015	Dr. Sujitha G.
22.	Second Certificate of Merit for Proficiency in Thesis Work – MD (General Medicine) Session 2012-2015	Dr. Manoj Kumar Roy
23.	Second Certificate of Merit for Proficiency in Thesis Work – MS (General Surgery) Session 2011-2014	Dr. Debajyoti Mandal
24.	Second Certificate of Merit for Proficiency in Thesis Work – MS (Obstetrics & Gynecology) Session 2012-2015	Dr. Payel Roy
25.	Certificate of Merit for being the Most Humane Nurse 2014	Sr. Bina Saha

Postgraduate MD / MS Students clearing University Examination in 2014

MD [Anaesthesiology]

- Dr. Anirban Som
- Dr. Syed Sadaqat Hussain
- Dr. Sudeshna Bose
- Dr. Dwaipayan Jha
- Dr. Debarati Goswami
- Dr. Samir Basak
- Dr. Archana Murmu
- Dr. Anirban Saha
- Dr. Suvankar Pramanick
- Dr. Tanmoy Ganguly
- Dr. Manisankar Nath
- Dr. Sujoy Talukder
- Dr. Arup Ghosh
- Dr. Sumanta Kumar (1 y exemption)
- Dr. Chiranjib Sarkar (1 y exemption)
- Dr. Mouli Bhattacharya (1 y exemption)

MD [Anatomy]

- Dr. Gayatri Deb

MD [Biochemistry]

- Dr. Arghyadip Sahoo
- Dr. Supriya Guria
- Dr. Aritri Bir
- Dr. Mintu Ghorui
- Dr. Atrayee Roy Choudhuri
- Dr. Arindam Ghosh

MD [Dermatology]

- Dr. Ishad Aggarwal
- Dr. Archana Saha
- Dr. Sanchaita Bala
- Dr. Nidhi Choudhary
- Dr. Projna Biswas

MD [General Medicine]

- Dr. Rajdip Choudhury
- Dr. Prateik Poddar
- Dr. Atanu Chakraborty
- Dr. Tony Ete
- Dr. Arnab Ghosh Chaudhury
- Dr. Anup Sarkar
- Dr. Debanjali Sinha
- Dr. Sumantra Mondal
- Dr. Koushik Pan
- Dr. Apratim Chatterjee
- Dr. Subir Chandra Swar
- Dr. Anirban Das
- Dr. Arijit Nag

MD [Microbiology]

- Dr. Abhik Sarkar
- Dr. Bipasa Chakraborty
- Dr. Poulami Mukherjee
- Dr. Amrita Naha

MS [Obstetrics & Gynaecology]

- Dr. Maheshwari M.
- Dr. Bharat Chandra Barma
- Dr. Chanchal Bhowmick
- Dr. Khushboo
- Dr. Sayanti Paul
- Dr. Jagat Biswas
- Dr. Mriganka Mouli Saha
- Dr. Subhashis Samajder
- Dr. Puja Sinha

MS [Orthopaedics]

- Dr. Gopal Ghosh
- Dr. Banibrata Ghosh
- Dr. Archishman Das (SSKM Trust)
- Dr. Sourav Adhikari
- Dr. Abhishek Chakraborty
- Dr. Mrityunjay Roy

MS [Otorhinolaryngology]

- Dr. Avick Kumar Das
- Dr. Subhadip Dhara
- Dr. Poulomi Saha
- Dr. Anindita Sengupta

MD [Pathology]

- Dr. Swagata Mistry
- Dr. Mithun Saha
- Dr. Satyadev Rana
- Dr. Gautam Mukherjee
- Dr. Sunipa Ghosh
- Dr. Parul Ghosh
- Dr. Peu Saha
- Dr. Minakshi Karmakar
- Dr. Pamela Nayak
- Dr. Nikhilm Kumar
- Dr. Sanjiban Patra
- Dr. Koushik Chakraborty
- Dr. Shatavisha Dasgupta

MD [Pediatrics]

- Dr. Mousumi Modak
- Dr. Pijush Kanti Pal
- Dr. Suchi Acharya
- Dr. Sukanta Nandi

MD [Pharmacology]

- Dr. Sudipta Kumar Dey
- Dr. Richeek Pradhan
- Dr. Subhro Pandey
- Dr. Satbdi Pande
- Dr. Soumya Chatterjee

MD [Physiology]

- Dr. Joy Karmakar
- Dr. Rupa Goswami
- Dr. Koushik Ghosh
- Dr. Bikashendu Samui
- Dr. Debarati Chanda

MD [Physical Medicine & Rehabilitation]

- Dr. Debayan Ghorai
- Dr. Debangshu Bhakat
- Dr. Mohit Kataruka

MD [Psychiatry]

- Dr. Bikramaditya Jaiswal
- Dr. Debpradip Chakraverty
- Dr. Ajay Halder
- Dr. Neha Singh

MD [Radiodiagnosis]

- Dr. A. Anoop
- Dr. Jyothish George
- Dr. Nani Dolo
- Dr. Pratiksha Singh
- Dr. Subrata Kumar Biswas
- Dr. Sudipta Saha
- Dr. Samarjit Kotal
- Dr. Parth Sharma (SSKM Trust)

MD [Radiotherapy]

- Dr. Anshuman Ghosh
- Dr. Anupam Datta
- Dr. Aruj Dhyani
- Dr. Abhash Sarkar
- Dr. Saptarshi Banerjee
- Dr. Susmita Sadhukhan
- Dr. Somnath Roy (1 y exemption)

MS [General Surgery]

- Dr. Anik Ghosh
- Dr. Amvrin Chatterjee
- Dr. Aishik Mukherjee
- Dr. Subhamitra Chaudhuri
- Dr. Abhishek Prasad
- Dr. Rupesh Kumar Singh
- Dr. Debraj Saha
- Dr. Debajyoti Mandal
- Dr. Vivek Sharma
- Dr. Nirmalya Ghosh
- Dr. Abhirup Banerjee
- Dr. Banyeswar Pal
- Dr. Shivanand Prakash
- Dr. Bappaditya Har
- Dr. Saibal Chakraborty

MD [TB & Respiratory Medicine]

- Dr. Rajat Subhra Saha
- Dr. Santu Kumar Samanta
- Dr. Souvik Barman

Postgraduate Diploma Students clearing University Examination in 2014

DA

- Dr. Ananya Lahiri
- Dr. Anjan Karmakar
- Dr. Amit Kumar Majhee
- Dr. Sibabrata Saha
- Dr. Md. Atiqur Rahman
- Dr. Swarup Dutta

DVD / DDVL

- Dr. Malay Kumar Mondal
- Dr. Jadhav Shruti Alhad
- Dr. Atoka Sumi
- Dr. Jahir Abbas

DMRD

- Dr. Tushar Suvra Ghosh
- Dr. Anal Saha
- Dr. Anirudh More
- Dr. Rachana Radhakrishna Borkar
- Dr. Raghuveer Suhas Prasad
- Dr. Ananda Kumar Srivastava
- Dr. Anjan Sarkar
- Dr. Gargi Sinha Mahapatra
- Dr. Nasir Ahamad B. A.

DLO

- Dr. Diptesh Bandyopadhyay

DPM

- Dr. Subrata Das
- Dr. Sanjiv Kumar Mandal

DMRT

- Dr. Suman Chatterjee
- Dr. Sukanya Mondal
- Dr. Dhiman Das
- Dr. Dhananjay Mandal
- Dr. Sharmistha Daripa
- Dr. Aniruddha Mondal

Postgraduate Students clearing University Supplementary Examination in 2014

MS [ObGY]

- Dr. Trisha Das
- Dr. Chandan Sasmal

DPM

- Dr. Tanushree Bhattacharya
- Dr. Kamalika Mandal

Postdoctoral Students clearing University Examination in 2014

MCh [Neurosurgery]

- Dr. Somil Jaiswal
- Dr. Vishakha Basavraj Karpe
- Dr. Sarang Govind Rote
- Dr. Puneet Gukati
- Dr. Chirantan Banerjee
- Dr. Rajneesh Gour

MCh [Plastic Surgery]

- Dr. Deepesh Goyal
- Dr. Narayanamurthy S.
- Dr. Raghavendra S.
- Dr. Ashwin Alke Pai

MCh [Urology]

- Dr. Shwetank Mishra
- Dr. Nipun Kumar Awasthi
- Dr. Kaushik Sarkar
- Dr. Vinod Priyadarshi
- Dr. Sankar Prasad Hazra
- Dr. Hemant Kumar Goel

MCh [CTVS]

- Dr. Ravi Ghatanatti
- Dr. Biswajeet Mohapatra
- Dr. Kuntal Roy Chowdhuri

- Dr. S. Poornima
- Dr. Rupesh Kumar
- Dr. Sundeep Sanjivan Tirkey

DM [Cardiac Anesthesiology]

- Dr. Kakali Ghosh
- Dr. Monalisa Datta

DM [Cardiology]

- Dr. Chandan Misra
- Dr. Arindam Maitra
- Dr. Mayank Jha
- Dr. Malaya Acharyya
- Dr. Santanu Das
- Dr. Saubhik Kanjilal
- Dr. Imran Ahmed
- Dr. Prithwiraj Bhattacharjee
- Dr. Arindam Pande
- Dr. Joyanta Ghosh
- Dr. Nirmalya Chakrabarti

DM [Endocrinology]

- Dr. Partha Pratim Chakraborty
- Dr. Chitra S.
- Dr. Shivaprasad K. S.
- Dr. Anubhav Thukral

DM [Medical Gastroenterology]

- Dr. Vishal Khurana
- Dr. Amit Mishra
- Dr. Anil Kumar Jangir
- Dr. Mayank Kumar Agrawal

DM [Neonatology]

- Dr. Anshuman Paria

DM [Nephrology]

- Dr. Kanai Lal Karmakar
- Dr. Malavade Praveen
- Dr. Atul Desai
- Dr. Mayuri Dilip Trivedi
- Dr. Amit Shyamsunder Pasari
- Dr. Supriya Guru

DM [Neurology]

- Dr. Debabrata Pulai
- Dr. Santosh
- Dr. Dhiman Das
- Dr. Namrata Niranjana Khandelwal
- Dr. Meghraj Singh Patel
- Dr. Ashutosh Pal
- Dr. Dipankar Gupta

Postdoctoral Students clearing University Supplementary Examination in 2014

DM [Endocrinology]

Dr. Trinanjan Sanyal
Dr. Rajesh Kumar Jain

MCh [Plastic Surgery]

Dr. Debtanu Bhattacharya (Reg Cand)

MCh [Neurosurgery]

Dr. Safi Ikbal Siddique
Dr. Girish Krishna Joshi

DM [Gastroenterology]

Dr. Surender Sultania

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. Biswajit Biswas, HOD Community Medicine
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. Pradip Kumar Mitra	Director
Prof. Dipanjan Bandyopadhyay	Medical Superintendent cum Vice-Principal (MSVP)
Prof. Amal Kanti Das	Dean of Student Affairs
Dr. Sarbeswar Mandal	Deputy Superintendent
Mr. Rohitasya Gayen	College Accounts Officer
Mr. Monojit Kumar Mondal	Hospital Accounts Officer
Mr. Anindya Roy	Assistant Superintendent
Mr. Anirban Ghoshal	Assistant Superintendent
Mr. Kaustav Ghosh Chowdhuri	Assistant Superintendent
Mr. Surajit Sen	Assistant Superintendent
Mr. Anindya Banerjee	Assistant Superintendent
Mr. Soumendra Nath Kundu	PA to MSVP

Administrative Office Staff

Director's Office Section

Smt Minati Moitra, Head Clerk
 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
 Sri Panchu Gopal Dutta, UDC
 Sri Avijit Kumar Das, UDC
 Sri Barun Kumar Banerjee, UDC
 Sri Subir Chakraborty, Stenotypist (Gr. I) (Expired)
 Sri Ajit Mallick, LDC (Transferred with promotion)
 Sri Koustav Mukherjee, LDC
 Sri Tapas Kumar Bhadra, LDC
 Sri Saswata Das, 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 Prasanata Deb Pal, Stenotypist (Gr. I) (Retired)
 Sri Atul Chandra Dey, UDC
 Sri Agnijit Kanjilal, LDC (Transferred with promotion)
 Sri Tapas Kumar Bhadra, LDC
 Sri Ananta Kumar Khatua, Hostel caretaker
 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
2	Prof. Subir Kumar Dutta	Male	Ex-Dean of Faculty of Medicine, University of Calcutta & Retired Professor of Pathology	Basic medical scientist
3	Prof. Pradip Kumar Mitra	Male	Director, IPGME&R & Professor of Pathology	Basic medical scientist
4	Prof. Dipanjan Bandyopadhyay	Male	Medical Superintendent cum Vice Principal, IPGME&R-SSKM Hospital & Professor of Medicine	Clinician
5	Prof. Asit Kumar Senapati	Male	Professor of Neuromedicine & Director, Bangur Institute of Neurosciences, Kolkata	Clinician
6	Prof. Swati Chakraborty	Female	Consultant, Institute of Child Health, Kolkata	Clinician (Pediatrician)
7	Prof. Jayanta Chatterjee	Male	Head – Department of Nuclear Medicine, IPGME&R	Clinician
8	Prof. Bijoy Kumar Majumdar	Male	Head – Department of Plastic Surgery, IPGME&R	Clinician
9	Prof. Amal Santra	Male	Scientist – Department of Gastroenterology, IPGME&R	Basic medical scientist
10	Prof. Rathindranath Dutta	Male	Consultant Dermatologist	Clinician
11	Prof. Rajendra Pandey	Male	Head – Department of Nephrology, IPGME&R	Clinician
12	Dr. Bobby Pal	Female	Assistant Professor – Department of Community Medicine, IPGME&R	Public Health Expert
13	Mr. Debdut Mukherjee	Male	Advocate, Calcutta High Court	Legal Expert
14	Mr. Arunangshu Shekhar Jana	Male	Social Worker, Mahendraganj, Dist. South 24 Parganas	Social worker
15	Mr. Swapan Kumar Sarkar	Male	Stenotypist	Lay person
16	Dr. Avijit Hazra	Male	Professor – Department of Pharmacology, IPGME&R	Member-Secretary

This committee met 8 times during the year under review.

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

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 and Medical Officers

Designation	Name
Professor	Prof. Amalendu Bikash Chattopadhyay MD
Associate Professor & HOD	Dr. Chiranjib Bhattacharyya MD
Assistant Professor	Dr. Sudeshna Bhar (Kundu) MD
	Dr. Sandip Sinha MD
	Dr. Rajib 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
Tutor	Dr. Bhabani Moitra DA
	Dr. Anisha De MD
	Dr. Dhiman Adhikari MD
	Dr. Mohona Mukherjee MD
	Dr. Suchismita Pal MD
	Dr. Amrita Roy MD
	Dr. Soma Sengupta DA
Senior Resident	Dr. Abhimanyu Bhattacharya MD
	Dr. Piyali Roy Choudhury DA
	Dr. Syed Sadaqat Hossein MD

Medical Officers

Name
Dr. Arunabha Sarkar MBBS
Dr. Prabir Chandra Das MBBS
Dr. Srabanti Barman MBBS
Dr. Biswajit Khanra MBBS
Dr. Biswanath Baskey MBBS

Postgraduate Trainees

MD students

2012 – 2015	2013 – 2016	2014 – 2017
Dr. Sandipan Banerjee	Dr. Gargi Nandi	Dr. Rituparna Murmu
Dr. Ujjwal Mondal	Dr. Jishnu Nayak	Dr. Sushovan Chakraborty
Dr. Anindita Saha	Dr. Pratibha Bhunia	Dr. Dilip Kumar Singri
Dr. Suparna Mitra	Dr. Arun Kumar Mandi	Dr. Pratishtha Yadav
Dr. Aveek Mukherjee	Dr. Arpita Choudhury	Dr. Swarupa Roychoudhury
Dr. Shalini Chowdhury	Dr. Shanta Dutta	Dr. Monika Agarwal
Dr. Onzima Suba	Dr. Swarnali Dasgupta	Dr. Arka Das
Dr. Moupali Ghosh	Dr. Priyabrata Shit	Dr. Amartya Das

Dr. Sabyasachi Singha Dr. Pabitra Das	Dr. Zoengmawia Dr. Animesh Baul Dr. Amitava Nandy Dr. Priyanka Mondal Dr. Nairita Mayur Dr. Piyush Kanti Choudhury	Dr. Soumya Chakraborty Dr. Dipak Mondal Dr. JitenDr.a Thakur Dr. Tapas Kumar Barman Dr. Subhasis Ghosh Dr. Debdeep Basu
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DA students

2013 – 2015	2014 – 2016
Dr. Asim Halder Dr. Ruma Mondal Dr. Md Sadat Wasim Dr. Partha Sarathi Naskar Dr. Kalyan Kumar Gangopadhyay	Dr. Mrinal Kumar Mallick

Students passing out in 2014

2011 – 2014 MD students	2012 – 2014 post-DA MD students	2012 – 2014 DA students
Dr. Anirban Som Dr. Syed Sadaqat Hossein Dr. Suvankar Pramanick Dr. Samir Basak Dr. Arup Ghosh Dr. Sujoy Talukder Dr. Manishankar Nath Dr. Tanmoy Ganguly Dr. Dwaipayan Jha Dr. Debarati Goswami Dr. Archana Murmu Dr. Sudeshna Bose Dr. Anirban Saha	Dr. Sumanta Kumar Dr. Chiranjib Sarkar Dr. Mouli Bhattacharya	Dr. Anjan Karmakar Dr. Swarup Dutta Dr. Sibabrata Saha Dr. Ananya Lahiri Dr. Amit Majhi Dr. Atiqur Rehman

Faculty members retired or transferred out during the period from 1.12.2013 to 30.11.2014

1. Prof. Kanak Kanti Kundu (Superannuated)
2. Dr. Sampa Dutta Gupta (Transferred to Bangur Institute of Neurosciences, Kolkata)

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 collages 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 ultrasound guided versus conventional anatomical landmark guided central venous cannulation

Name of student: Dr Onzima Suba

Guide: Prof Chaitali Sen

Co-guide: Prof Anupam Goswami, Dr Rajiv Samal

2. Comparison of isobaric 0.5% racemic bupivacaine and fentanyl 25 mcg combination versus 0.5% isobaric levobupivacaine and fentanyl 25 mcg combination intrathecally in elective infraumbilical surgery

Name of student: Dr Aveek Mukherjee

Guide: Prof kanak Kanti Kundu

Co-guide: Dr Sudeshna Bhar (Kundu)

3. Comparison between 0.25% levobupivacaine versus 0.25% ropivacaine in children undergoing infraumbilical surgery under caudal anesthesia

Name of student: Dr Ujjwal Mondal

Guide: Prof Nitish Kumar Gozi

Co-guide: Dr Rajat choudhuri

4. Effects of different doses of ondansetron in prophylaxis of postoperative nausea and vomiting in healthy subjects undergoing general anesthesia – A prospective randomized controlled parallel group study

Name of student: Dr Sandipan Banerjee

Guide: Prof Sampa Dutta Gupta

Co-guide: Dr Samarendra Nath Samui

5. Comparison of neuromuscular blocking effect and recovery characteristics of rocuronium between steady state isoflurane or propofol anesthesia in spinal fixation surgery

Name of student: Dr Anindita Saha

Guide: Prof Amita Acharya

Co-guide: Dr Saikat Neogi

6. Analgesic efficacy of dexmedetomidine with 0.25% bupivacaine versus 0.25% bupivacaine alone in bilateral superficial cervical plexus block administered before thyroid surgery under general anesthesia

Name of student: Dr Moupani Ghosh

Guide: Dr Chiranjib Bhattacharyya

Co-guide: Dr Suparna Chatterjee

7. Comparison of hemodynamic and hormonal stress response between endotracheal tube and LMA in lumbar laminectomy – A randomized controlled trial

Name of student: Dr Suparna Mitra

Guide: Prof Sankari Santra

Co-guide: Dr Jayanta Chakraborty

8. Comparison of effects of prophylactic amiodarone versus lignocaine and magnesium sulfate versus placebo in prevention of arrhythmias in patients undergoing valve replacement surgeries

Name of student: Dr Shalini Choudhury

Guide: Prof. Anupam Goswami

Co-guide: Prof. Chaitali Sen, Dr. Sandip Sinha

Faculty news

Dr. Chiranjib Bhattacharyya

A. Convener & Examiner

1. Convener in MD (Anaesthesiology) Examination held in April, 2014

2. Examiner in DCCT Examination held in 2014

B. Invited speaker

1. In State Conference of West Bengal chapter of Indian Society of Anesthesiologists 2014, Topic: Perioperative nutrition in patients with hepatic failure

2. In CME organized by State Branch of Indian Society of Anesthesiologists, Topic: Choosing the thesis topic

3. In Annual Post Graduate Assembly 2014 organized by Department of Anaesthesiology, IPGME&R. Topic: Brain abscess in a patient with TOF

4. In Post Graduate teaching programme organized by Department of Cardiothoracic Anaesthesiology, IPGME&R.
Topic: Perioperative management of patient on antiplatelet and antithrombotic drugs for non-cardiac surgery

C. Ongoing research work:

1. Effect of clonidine as adjuvant in thoracic paravertebral block for breast cancer surgery: A randomized controlled trial.
2. Comparison between attenuation of post-extubation hemodynamic and airway reflexes by bolus dose of lignocaine and dexmedetomidine.

Dr Sudeshna Bhar (Kundu)

A. Publications:

1. A clinical trial comparing levobupivacaine, standard and low dose bupivacaine for subarachnoid block to compare the hemodynamic changes as well as effect on early ambulation in patients undergoing transurethral resection of prostate. Published in International Journal of Basic and Applied Medical Sciences in Volume 4 in 2014.
2. Influence of naloxone on quality and duration of analgesia produced by thoracic epidural morphine and bupivacaine. Published in Sri Lankan Journal of Anaesthesiology in volume 22 in 2014.

B. Speaker:

1. CME organized by State Branch of Indian Society of Anesthesiologists, Topic: Fluid therapy in neonates and infants
2. Participated in workshop of Annual Post Graduate Assembly 2014 organized by Department of Anaesthesiology, IPGME&R. Topic: Anesthesia machine.

Dr. Sandip Sinha

A. Publications:

1. A clinical trial comparing levobupivacaine, standard and low dose bupivacaine for subarachnoid block to compare the hemodynamic changes as well as effect on early ambulation in patients undergoing transurethral resection of prostate. Published in International Journal of Basic and Applied Medical Sciences in Volume 4 in 2014.
2. Surgeon – Anesthesiologist relationship. Published in International Journal of Basic and Applied Medical Sciences in Volume 4 in 2014.

B. Speaker:

1. Speaker in North Zonal Conference of Indian Society of Anesthesiologists in 2014
2. Speaker in Eastern Zonal Conference of Indian Society of Anesthesiologists at Dhanbad in 2014

Dr. Rajiv Kumar Samal

A. Publications:

1. A randomized comparative study of the effect of Airtraq optical laryngoscope vs. Macintosh laryngoscope on intraocular pressure in non-ophthalmic surgery.-----Published in Brazilian Journal Of Anesthesia 2014.
2. A comparative study of three methods of ProSeal laryngeal mask airway insertion in children with simulated difficult laryngoscopy using a rigid neck collar. Published in Acta Anaesthesiologica Taiwanica in volume 52 in 2014.

Dr. Rajat Choudhuri

A. Publications:

1. Anesthetic management of a dwarf with hypopituitarism presenting for epigastric hernioplasty – A case report. Published in Journal of Metabolic Syndrome in Volume 3, Issue 3 in 2014.
2. Smoking addiction and anesthetic implementation. Published in Toxicology Journal in 2014.

B. Conference and Workshops:

1. Conducted difficult airway workshop in the State Conference of West Bengal chapter of Indian Society of Anesthesiologists 2014
2. Attended National Conference of Indian Society of Anesthesiologists, 2014 as a delegate.

3. Participated in workshop of Annual Post Graduate Assembly 2014 organized by Department of Anaesthesiology, IPGME&R. Topic: Ventilator

C. Miscellaneous:

1. Appointed as a facilitator in Medical Officer ICU Training Programme
2. Continuing as one of the facilitators in DCCT Curriculum run under State Medical Faculty of West Bengal.
3. Appointed as additional faculty in CCU run by the Department of Medicine.

Dr Samarendra Nath Samui

A. Participated in workshop of Annual Post Graduate Assembly 2014 organized by Department of Anaesthesiology, IPGME&R. Topic: Equipments used in regional anesthesia

Dr. Rajasree Biswas

A. Publications: Coiling of guide wire in internal jugular vein during central venous cannulation in Indian Journal of Anaesthesiology in Volume 58, Issue 6.

B. Participated in workshop of Annual Post Graduate Assembly 2014 organized by Department of Anaesthesiology, IPGME&R. Topic: Cardiac drugs.

Dr. Ratul Kundu

A. Publications:

1. i-gel in Ambulatory Surgery: A Comparison with LMA –Proseal in Paralyzed Anesthesia Patients.---Published in Journal of Clinical and Diagnostic Research. March 2014
2. Does the Miller blade truly provide a better laryngoscopic view and intubating conditions than the Macintosh blade in small children?----Published in Pediatric Anesthesia August 2014.
3. Reply to the comments on our paper 'Does the Miller blade truly provide a better laryngoscopic view and intubating conditions than the Macintosh blade in small children?'----As a letter to the editor in Pediatric Anesthesia.
4. Intravenous paracetamol infusion: Superior pain management and earlier discharge from hospital in patients undergoing palliative head-neck cancer surgery. ----- Published in Perspectives of Clinical Research. Oct Dec Issue.
5. A randomized comparative study of the effect of Airtraq optical laryngoscope vs. Macintosh laryngoscope on intraocular pressure in non-ophthalmic surgery.-----Published in Brazilian Journal Of Anesthesia 2014.
6. Emergence agitation prevention in pediatric ambulatory surgery: A comparison between intranasal dexmedetomidine and clonidine: A prospective double blinded and parallel group study.---- Ahead of publication in March in Journal of Research in Pharmacy Practice.

B. Conference and Workshops:

1. Participated in workshop of Annual Post Graduate Assembly 2014 organized by Department of Anaesthesiology, IPGME&R. Topic: Airway devices
2. Participated in ISACON 2014 as a delegate held at Madurai

Dr. Ratul Basu

Publication: Variation in the pattern of circle of Willis in human brain – Morphological study and review. Published in Al Ameen Journal of Medical Sciences in Volume 7 in 2014.

Dr. Suchismita Mallick

A. Participated in workshop of Annual Post Graduate Assembly 2014 organized by Department of Anaesthesiology, IPGME&R. Topic: Invasive blood pressure monitoring

Dr. Anisha De

Publication: Midazolam as intranasal spray in pediatric surgical patients in International Journal of Basic and Applied Medical Sciences in Volume 3 September- December, 2013.

Dr. Dhiman Adhikari

A. Publications:

1. A clinical trial comparing levobupivacaine, standard and low dose bupivacaine for subarachnoid block to compare the hemodynamic changes as well as effect on early ambulation in patients undergoing transurethral resection of prostate. Published in International Journal of Basic and Applied Medical Sciences in Volume 4 in 2014.
2. Surgeon – Anesthesiologist relationship. Published in International Journal of Basic and Applied Medical Sciences in Volume 4 in 2014.
3. Anesthetic management of a dwarf with hypopituitarism presenting for epigastric hernioplasty – A case report. Published in Journal of Metabolic Syndrome in Volume 3, Issue 3 in 2014.

B. Participated in workshop of Annual Post Graduate Assembly 2014 organized by Department of Anaesthesiology, IPGME&R. Topic: Local anesthetics

Dr. Mohona Mukherjee

A. Participated in workshop of Annual Post Graduate Assembly 2014 organized by Department of Anaesthesiology, IPGME&R. Topic: Oxygen therapy

Dr. Suchismita Pal

A. Participated in workshop of Annual Post Graduate Assembly 2014 organized by Department of Anaesthesiology, IPGME&R. Topic: Defibrillator

Dr Amrita Roy

A. Participated in workshop of Annual Post Graduate Assembly 2014 organized by Department of Anaesthesiology, IPGME&R. Topic: Intravenous fluids

Dr Soma Sengupta

A. Publication: Sacral Epidural Anesthesia in IOSR Journal of Dental and Medical Sciences in Volume 13, Issue 5 in 2014.

B. Participated in workshop of Annual Post Graduate Assembly 2014 organized by Department of Anaesthesiology, IPGME&R. Topic: Equipments used in regional anesthesia

Dr. Syed Sadagat Hossein

A. Participated in workshop of Annual Post Graduate Assembly 2014 organized by Department of Anaesthesiology, IPGME&R. Topic: Local anesthetics

Service information

A. OPD (Anaesthesiology)

Number of patients attending OPD for pre-anesthetic check up: 10023

B. Number of operations done in the various operation theaters:

Operation Theater		No. of cases
1.	Reduction OT	1305
2	ENT OT	467 major, 495 minor
3	NPS OT	1043
4	BURNS OT	217
5	EYE OT	7
6	LIGATION OT	1089
7	MAIN OT	2712
8	GYNAECOLOGY OT	1511
9	EMERGENCY OT	2703
10	UROLOGY OT	1387
11	WOODBURN OT	2836
12	NEUROSURGERY OT	479
13	NEONATAL SURGERY OT	137
14	PAEDIATRIC SURGERY OT	894
15	KHIDDIRPUR MATRISADAN	20

C. RCU & ITU proceedings:

- Enlisted patients: 3824
 - Patients admitted: 377
 - Survival Rate among admitted patients: 73 %
 - Number of patients requiring mechanical ventilation: 294
 - Survival Outcome among patients on ventilator: 66 %
 - Number of patients discharged against medical advice: 12
-

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. Avanish Gupta	MBBS, DCH, 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. Barindra Nath Mandal	MBBS	Demonstrator
Dr. Vishwa Prakash Das	MBBS	Demonstrator
Dr. Ritaban Saha	MBBS, MD	Demonstrator
Dr. Tulusi Mandal	MBBS, MD	Demonstrator

Postgraduate (MS Anatomy) Trainees

Name of the PGT	Year	Session
Dr. Oyndrila Sengupta	3rd year	2012 – 2015
Dr. Ankita Pal	3rd year	2012 – 2015
Dr. Ratnadeep Poddar	3rd year	2012 – 2015
Dr. Jaita Choudhury	3rd year	2012 – 2015
Dr. Subhajit Halder	3rd year	2012 – 2015
Dr. Panchali Som	2nd year	2013 – 2016
Dr. Anwe sa Pal	2nd year	2013 – 2016
Dr. Rajarshi Roy	2nd year	2013 – 2016
Dr. Subhadip Bharati	2nd year	2013 – 2016
Dr. Sunipa Ganguly	2nd year	2013 – 2016
Dr. Raag Reeti	1st year	2014 – 2017
Dr. Neeladri Ghosh	1st year	2014 – 2017
Dr. Rajarshi Datta	1st year	2014 – 2017
Dr. Moumita Chatterjee	1st year	2014 – 2017
Dr. Suhit Sammaddar	1st year	2014 – 2017

Medical Technologists (Laboratory): Mr. Subhasish Chatterjee
Mr. Sahadev Maity

Other non-teaching staff:

Name	Designation	Remarks
Mr. Tapas De	GDA	
Mr. Mihir Mondal	GDA	
Mr. Moti Das	Sweeper	Superannuation on 31.12.2014.
Ashok Mallick	Dom	
Dinesh Mallick	Dom	
Anil Kumar Mallick	Dom	

Sanjay Mallick	Dom	Currently detailed in FSM department.
Atish Mallick	Dom	E.R.S. staff acting as dom.

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 Dept. 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 periodically.

Service information

Continuous motivation for donation of dead bodies is carried out.

Developmental issues

Recently the department has been equipped with eight ozonizers to get rid of bad odor in the dissection hall. One fluorescent microscope has been provided this year to the department for research work.

Research publications by faculty and PGTs

- Majumder S, Mazumder S, Roy H, Ghosal AK. Int J Anat Variations 2013; 6: 61-3.
- Kundu R, Nandy S, Tapadar A, Ghosh R K, Sarkar A, Palit S. Histological observations on the anterior olfactory nucleus in human. J Anat Soc India 2013; 62: 62-7.
- Sinha I, Ghosal AK, Basu R, Datta I. Variations in the pattern of circle of Willis in human brain - a morphological study & review. Al A een J Med Sci 2014; 7: 13-9.
- Ray A, Tapadar A, Kar M, Kundu R, Nandi S. Microdeletion in the Y chromosome in cases of male infertility in a population in West Bengal. J Anat Soc India 2014; 63: 52-6.
- Tapadar A, Palit S, Kundu R, Sarkar A. A study of the below knee perforating arteries of the leg derived from the anterior tibial, posterior tibial, peroneal arteries. J Anat Soc India.

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, Dr. Asis Kr. 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. Study of growth & development of choroid plexus of lateral ventricle in human foetuse by USG; Dr. Swati Mukherjee.
4. Study of the adult subglottic framework in a section of eastern Indian population with its epidemiological variations; Dr. Shirshendu Ganguly.
5. Anatomical variation of posterior slope of tibial plateau in a section of adult eastern Indian population; Dr. Shyamalendu Medda.

6. Anatomical Study of variations of mastoid pneumatization in normal population of a section of eastern India; Dr. Samanwita Basak.
 7. Morphometric study of thyroid gland & histology of pyramidal lobe in cadavers; Dr. Ratnadeep Poddar.
 8. Morphometric study of suprascapular notch & its correlation with anthropometric measurement of dry scapula & its clinical significance in Indian population. Dr. Ankita Pal.
 9. Morphometric study of pulmonary veins and their openings in the left atrium in the cadavers of Eastern Indian population. Dr. Oyndrila Sengupta.
 10. Variation of the height of arch of foot in sedentary working, non working & hard working, walking women of West Bengal; Dr. Subhajit Haldar.
 11. Measurement of normal reference values of spinal canal diameter & SAC(space available for cord) in cervical vertebrae (C3-C7) in normal east Indian population & their importance in predicting cervical spinal canal stenosis; Dr. Jaita Chowdhury.
 12. Morphological study on the variation of the pattern of circle of Willis in human brain; Dr. Iman Sinha, Dr. A. K. Ghosal, Dr. Ratul Basu.
 13. Morphometric study of left coronary artery trunk; Dr. Sanchita Roy, Dr. Avanish Gupta, Dr. B. K. Nanrah, Dr. Ritaban Saha.
 14. A study on upper femur geometry in AP radiograph; Dr. Sanchita Roy, Dr. Avanish Gupta, Dr. B. K. Nanrah.
 15. Cerebral venous sinus thrombosis in a case of anti phospholipid antibody syndrome; Dr. P. Aggarwal, Dr. I. Dutta.
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Bangur Institute of Neurosciences – Neurology (Neuromedicine)

1. Faculty and staff

Teachers and medical officers

Name of the officer	Qualification	Position
Dr. Asit Senapati	MD, DM	Professor & Director, BIN
Dr. Goutam Gangopadhyay	MD, DM	Professor & Head
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
Neurogenetic unit		
Dr. Anindita Joardar	MSc, PhD	Assistant Professor
Mr Sarnava Roy	MSc	Research Associate
Medical officers		
Dr. Mridula Chakarborty	MBBS, DGO	Medical Officer
Dr. Manas Kumar Sinha	MBBS, DGO	Medical Officer
Dr. Kuhu Diwanjee	MBBS	Medical Officer

- Dr. Biman kanti Ray, Associate Professor, transferred from the department to R. G. Kar Medical College; Prof. Kalyan Brata Bhattacharya who was previously deputed was withdrawn from the department.
- Four posts of RMO cum Clinical Tutor are vacant
- One post of Assistant Professor and one post of Research Associate of Neurogenetic Unit are vacant

Other staff

Name	Position
Dr. Madhushree Chakraborty	Research Associate
Dr. Aruna Biswas	Research Associate
Sayantan Chakraborty	Junior Research Fellow
Sarani Nath	Research Assistant Grade-I
Suman Das	Research Assistant Grade-II

2. Areas of research activity (broad areas)

- Stroke
- Cognitive neuroscience
- Alzheimer disease
- Movement disorders
- Parkinson's disease
- Epilepsy
- Neuromuscular disorders
- Developmental disorders of brain
- Electrophysiology
- Botulinum toxin
- Neurogenetics

Ongoing projects

- "English Bangla audio visual test battery for assessment of Dyshyponia"- Post doctoral fellowship of cognitive science Research initiative of DST, Govt of India. Researcher Dr. Madhushree Chakrabarty and Dr. Atanu Biswas
- "Immunogenetics and immunoproteomics study in the pathogenesis pathway of Alzheimer disease". ICMR funded project. Principal Investigator – Dr. Atanu Biswas. Research Associate – Dr. Aruna Biswas.

- “Assessing the prevalence of genetic risk factors-ApoE and IL6 G176C polymorphism in Alzheimer related dementia patients of eastern India” DST, Govt. of West Bengal. Principal Investigator: Dr. Goutam Gangopadhyay, Co-investigators: Dr. Anindita Joardar and Dr. Atanu Biswas
- “Study on APO E allele in mild to moderate Head Injury in Eastern India.” In collaboration with Department of Neurosurgery.

3A & 3B. Activities of individual faculty /staff

Prof. Asit Kumar Senapati

- Attended the National Epilepsy Conference (ECON 2014) and chaired a session held in Jan-Feb 2014 at Kolkata
- Performing major administrative activities at Bangur Institute of Neurology as Director.
- Holding regular bed side clinics and presiding over various academic sessions.
- Teaching of MD and DM residents on a regular basis.

Prof. Goutam Ganguly

- Attended the National Epilepsy Conference (ECON 2014) and chaired a session held in Jan-Feb 2014 at Kolkata
- Holding regular bed side clinics and presiding over various academic sessions.
- Teaching of MD and DM residents on a regular basis.

Prof. Tejendra Narayan Kundu

- Attended the 22nd Annual Conference of Indian Academy of Neurology held at Chandigarh on 5-8 Nov, 2014
- Attended the National Epilepsy Conference (ECON 2014) held in Jan-Feb 2014 at Kolkata
- Holding regular bed side clinics and presiding over various academic sessions.
- Teaching of DM residents on a regular basis

Dr. Atanu Biswas

- Attended the 22nd Annual Conference of Indian Academy of Neurology held at Chandigarh on 5-8 November, 2014 and delivered a lecture entitled “Eye examination in systemic diseases” in the CME of the conference
- Invited as a guest speaker at the NEUROCON 2014 held at IICB, Kolkata on 22-23 November 2014 and delivered a lecture on “Parkinson's disease: from diagnosis to therapeutics – where we stand”
- Attended the mid-term conference of Association of neuroscientists of eastern India (ANEIMIDCON) held at Jamshedpur in May 2014 and delivered a lecture entitled “Rapidly progressive dementia”
- Invited to deliver a lecture at “Indo US Workshop on Cognitive Reserve in Dementia and Aphasia An IUSSTF and DST Program” on “Prevalence of MCI – the Kolkata experience” organized by the Department of Science and Technology and Department of Neurology Nizam's Institute of Medical Sciences at Hyderabad in February 2-4, 2014
- Attended “CASCADE: inCreasing Awareness for SCreening Alzheimer's Disease Early”, a clinical seminar on Alzheimer's disease (AD) held on June 7, 2014 at Singapore
- Attended the National Epilepsy Conference (ECON 2014) held in Jan-Feb 2014 at Kolkata

Dr. Alak Pandit

- Attended the National Epilepsy Conference (ECON 2014) and chaired a session held in February 2014 at Kolkata
- Attended the National Stroke Conference held at Tiruvananthapuram in march 2014
- Attended the Annual Conference of Association of Neuroscientists of Eastern India held at Patna in November 2014 and chaired a session
- Holding regular bed side clinics and presiding over various academic sessions.
- Teaching of DM residents on a regular basis.

Dr. Arijit Roy

- Attended the National Epilepsy Conference (ECON 2014) and chaired a session held in February 2014 at Kolkata
- Holding regular bed side clinics and conducting various academic sessions at BIN.

- Regularly performing cerebral DSA at Neurodedicated DSA Cath-lab at BIN.
- Teaching of DM residents on a regular basis

Dr. Deb Sankar Guin

- Attended the National Epilepsy Conference (ECON 2014) and chaired a session held in February 2014 at Kolkata.
- Actively involved in the clinical evaluation and counseling of patients in Neurogenetic clinic.
- Regularly participating and evaluating patients at the Epilepsy Clinic, Neuromuscular Clinic and Headache Clinic.
- Participated in different seminars, lectures and educational forums.
- Regularly performing cerebral DSA at Neurodedicated DSA Cath-lab at BIN.

3C. Seminar / Workshop organized

- The 15th Joint Annual Conference of Indian Epilepsy Association and Indian Epilepsy Society) (ECON 2014) was organized by the Department of Neurology in association with Indian Epilepsy Association West Bengal Chapter in February 2014 in Kolkata.
- Two-day workshop of EEG was organized at the Institute in October 2014.
- The World Alzheimer day was celebrated by holding a caregivers meet and organizing a seminar on Sep 21 2014.
- The World Stroke day was celebrated by organizing a seminar and public awareness program in Oct 29 2014.
- The World Epilepsy day was celebrated by organizing a Sit-and-Draw for children with epilepsy on Nov 19, 2014.
- Neuro club - a monthly meet of neurologists of West Bengal, 6 such organized in the year.

4. Articles published in Journals

1. Bandyopadhyay TK, Biswas A, Roy A, Guin DS, Gangopadhyay G, Sujit Sarkhel, Ghoshal MK, Senapati AK. Neuropsychiatric profiles in patients with Alzheimer's disease and vascular dementia. *Ann Indian Acad Neurol* 2014;17:325-30
2. Mittal G, Ganguly G, Bhattacharyya, Pandit A, Senapati AK, Biswas A, Roy A, Kundu TN, Roy BK. Epilepsy patients with malformations of cortical development: experience from a tertiary care centre in eastern India. *J Pediatric Neurology* 12 (2014) 117–126 DOI 10.3233/JPN-140651
3. Pulai D, Guin DS, Bhattacharyya KB, Ganguly G, Joardar A, Roy S, Biswas A, Pandit A, Roy A, Senapati A. Clinical profile and genetic correlation of patients of Spinocerebellar ataxia – a study from a tertiary care centre in eastern India. *Ann Indian Acad Neurol* 2014;17:387-91
4. 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. *Journal of Alzheimer's Disease* 2014; 41(2):525-33. DOI 10.3233/JAD-140006
5. 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 and Disease*. 2014; 5(3): 170-6.
6. Bhattacharya KB, Deb S, Ghosh S. Bobbling head in a young subject. *Ann Indian Acad Neurol* 2014;17:
7. Chafale VA, Lahoti SA, Biswas A, Roy A, Senapati AK. Adrenomyeloneuropathy with bulbar palsy – a rare association. *Ann Indian Acad Neurol* 2014;17:361-3
8. Chakrabarti D, Ganguly G, Ray BK, Paul N, Roy A, Pandit A, Senapati AK. Study of behavioral and cognitive disorders in school going children with epilepsy. *Journal of Pediatric Epilepsy* 2 (2013) 245–253. DOI 10.3233/PEP-14062
9. Pulai SB, Biswas A, Roy A, Guin DS, Gangopadhyay G, Ghorai PK, Sarkhel S, Senapati AK. Clinical features, MRI brain and MRS abnormalities of drug-naïve neurologic Wilson's disease. *Neurology India* 2014; 62 (2): 153- 8. DOI: 10.4103/0028-3886.132349
10. Guchhait B, Sen S, Ganguly G, Sinha M. Peripheral motor and sensory nerve conduction study in normal infants and children in eastern India. *Journal IOSR of Dental and Medical Science* 2014; 13(8) version III
11. Dey S, Senapati AK, Pandit A, Biswas A, Guin DS, Joardar A, Roy S, Ganguly G. Genetic study and clinical profile of DMD patients in neurology tertiary care centre in eastern India. *Indian Pediatrics* (Accepted)

12. Retrobulbar optic neuropathy secondary to isolated sphenoid sinus disease – report of two cases and review of literature. *J of Neurosciences in Rural Practice* (Accepted)
13. Bhattacharyya KB, Rai S. The neuropsychiatric ailment of Vincent Van Gogh. *Ann Indian Acad Neurol* [Epub ahead of print] [cited 2014 Dec 15].
14. Bhattacharyya KB, Rai S. Famous people with Tourette's syndrome: Dr. Samuel Johnson (yes) & Wolfgang Amadeus Mozart (may be): Victims of Tourette's syndrome? *Ann Indian Acad Neurol* [Epub ahead of print] [cited 2014 Dec 15]
15. Chakrabarti S, Khemka VK, Banerjee A, Chatterjee G, Ganguly G, Biswas A. Metabolic Risk Factors of Sporadic Alzheimer's Disease: Implications in the Pathology, Pathogenesis and Treatment. *Aging and Disease* (In Press) [<http://dx.doi.org/10.14336/AD>]

5. Collaborative programmes

- Teaching MPhil students of psychology, Dept of Psychology, RajaBajar Science College, Calcutta University
- A collaborative research project on hormonal changes in Alzheimer's disease with Dept of Biochemistry, IPGME&R.
- A collaborative programme with School of Biotechnology & Biological Sciences, West Bengal University of Technology on Study on Genetic Risk Factor Screening in Dementia Patients in West Bengal Population
- A collaborative research work on Parkinson's disease is going on with IICB, Kolkata.
- Weekly clinical meeting with Dept. of Neurosurgery and biweekly clinical meeting with Dept. of Neuroradiology, BIN.

6. Major achievements of the department

- This year all 7 Post doctoral students passed DM (Neurology) Examination at first attempt.
- Dr. Adreesh Mukherjee 2nd year PDT along with his teammates stood second in the IAN BAR-B-Q Quiz held at IANCON 2014 (22nd annual conference of Indian Academy of Neurology) at Chandigarh
- Regular functioning of the first clinical neurogenetic laboratory in West Bengal
- Performing diagnostic and therapeutic neuro-interventual procedures (Cerebral and spinal DSA) at the newly setup Neuro Cath Lab at BIN.
- Recently starting a sleep study laboratory and performing polysomnography on a regular basis.

7. Report of Neurogenetic Unit from November 2013 to October 2014

Number of patients who attended the genetic clinic – 477

Number of patients for whom the following diagnostic tests were done in the Genetic Laboratory in the above said time – 145.

Muscle Diseases	Movement Disorders
Duchene's Muscular Dystrophy – 30 Becker's Muscular Dystrophy – 11 Myotonic Dystrophy-I – 12 Spinal Muscular Atrophy – 4	Huntington's Disease – 20 Autosomal Dominant Ataxia; SCA1, SCA2, SCA3, SCA6, SCA12, DRPLA – 53 Autosomal Recessive Ataxia; Fredreich's Ataxia – 15

Genetic counseling is done for adult patients, their family members and to guardians in case of minors regarding their marriage, conceiving another issue, affection of their children etc.; depending upon the pattern of inheritance – 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/-
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/-

Abstract presented in the 21st Bangla Science Congress 'Genetic Study of DMD patients for Diagnosis in Kolkata.' Sarnava Roy, Anindita Joardar, Debshankar Guin, Gautam Ganguly. Neurogenetic Unit, Dept of Neurology, Bangur Institute of Neurosciences, Kolkata-700025

Publications

1. Clinical profile and genetic correlation of patients with spinocerebellar ataxia: A study from a tertiary care centre in Eastern India. 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* 2014;17:387-91.
2. 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. Paper submitted.

8. Students

DM PDTs – Seven students per year

1st year DM Residents	2nd year DM Residents	3rd year DM Residents
Dr. Dinesh Saini Dr. Anurag Satpati Dr. Anjan Debnath Dr. Anand Choudhary Dr. Sweetie Tribedi Dr. Urmila Das Dr. Kaushik Pan	Dr. Aditya Mukharjee Dr. Barun Sen Dr. Debsadhan Biswas Dr. Bhushan Joshi Dr. Ujjawal Roy Dr. Susanta Das Dr. Zakir Hossain	Dr. Shivkumar Massareddy Dr. Subhasish Maitra Dr. Satish Lahoti Dr. Debjani Roy Chowdhury Dr. Saurav Rai Dr. Vishal Chafale

This year we lost one of our beloved students Dr. Arti Waskel on 17th October 2014 to illness.

DNEP students

1st year DNEP Students	2nd year DNEP Students
Monisha Adak Sharmila Kamilya Dibyendu Dewan Afifa Khatun Sk. Shabnam Trisha Sinha Soumya Karmakar Sukhomoy Haldar Sudipta Santra Souptika Pal	Amrita Roychowdhury Arpita Naskar Barun Nandi Debrina Dutta Krishnendu Mukherjee

9. Medical education activity

- a) Weekly Seminar on every Monday
- b) Weekly Clinical meeting on every Wednesday
- c) Journal club/Neuro radiology/Electrophysiology/Neuropathology/session on Friday
- d) Monthly Death review meeting with monthly statistics on every second Monday of the month.
- e) Neuropsychiatry conference on first Tuesday.
- f) Monthly attendance of Neuro club on every second Saturday
- g) Rotational hands on training in Electrophysiology lab for all PDTs
- h) Rotational hands on training in dept of neurosurgery, BIN and psychiatry IOP
- i) Rotational hands on training in all the specialty clinics run by the dept including epilepsy, cognitive, neuromuscular, pediatric neurology, movement disorders, Botox and headache clinic
- j) Paper presentation at zonal and national level by all PDTs one per year

10. Paper presentation and publications by students:

A. 22nd annual conference of Indian Academy of Neurology (IANCON 2014) held at Chandigarh in November 2014

1. SPECT study of brain in patients of degenerative and vascular dementia. – Dr. Subhasis Moitra.
2. Study of Parkinsonism in young patient in tertiary care hospital. – Dr. Debjani Roy Chowdhary.
3. Study of patients with clinically isolated syndrome- clinical and radiological profile in a tertiary care center in eastern India. – Dr. Shivkumar K. Masaraddi.
4. Clinical profile of Guillain Barre Syndrome patients admitted in a tertiary care center with respect to response to various modalities of treatment. – Dr. Vishal A. Chafale,
5. Clinical and EEG profile of SSPE patients in a tertiary care center in eastern India. – Dr. Sourabh Rai.
6. Clinical profile of posterior circulation stroke – Dr. Satish Lahoti

B. NEUROPEDICON (Pune) 2014

1. Clinical profile of Moya-Moya syndrome in pediatric patients – Dr. Satish Lahoti

C. Annual Conference of Neuroscientists of Eastern India (ANEICON) held at Patna in November 2014

1. Comparison of clinical profile of posterior circulation stroke and anterior circulation stroke patients admitted in a tertiary care centre with emphasis on conventional risk factors, outcome and clinico-radiological correlation . – Dr Bhushan Joshi
2. Caregiver burden of dementia: correlation with stages of dementia and behavioral and psychological symptoms of dementia” – Dr. Adreesh Mukherjee
3. A study on clinical profile of Hirayama disease in a tertiary care hospital of eastern India. – Dr. Debsadhan Biswas
4. Phrenic nerve NCS as early predictor of outcome in early stages of AIDP, a study from tertiary care center. – Dr. Barun Kumar Sen.
5. Clinico-genetic correlation in cases of Huntingtons disease - a study from tertiary care center in India. – Dr. Zakir Husain.
6. Study of headache disorder in patients of idiopathic epilepsy - a study from tertiary care center in India. – Dr. Ujjawal
7. Study of pulmonary function of patients of idiopathic Parkinson's disease. – Dr. Sushanta Das

11. Service information

Indoor admission summary (01.11.2013 TO 30.11.2014) –

- Total admission from OPD in BIN: 2100
- Emergency Admission in SSKM: 360
- Average referral (from various departments of IPGMER, Neurosurgery and IOP): 242/Per Month

OPD Statistics: Total OPD attendance in the year – 169196

Information on Neurophysiology:

- Electrophysiology performed:
 - EEG-3687
 - NCS/EMG-6616
 - Video-EEG-245
 - Polysomnography: 24

Bangur Institute of Neurosciences – Neuroradiology

1. Faculty and staff

Faculty

1)	Dr. Satyendu Bikash Samanta MD, DCH	Professor & H.O.D.
2)	Dr. Kiran Shankar Saha MD	Professor on detailment.
3)	Dr. Tapan Dhibar MD, DMRD	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.
- 3) Contractual on detailment – 1.

Other staff

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

2. 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.

3. Publications during the year

Multiple intracranial aneurysm following radiation therapy for nasopharyngeal carcinoma – A case report by Dr. Puneet Gulati, Dr. Bhaskar Bhattacharyya , Dr. Sumit Deb, Dr. Samarendra Nath Ghosh, Departments of Neurosurgery & Neuroradiology, B.I.N., Kolkata.
Vol. 3 / Issue – 1 / Jan. – Apr. / 2014 in Indian Journal of Neurosurgery.

4. Academic activity

Thesis work completed: Session 2012–15, MD (Radiodiagnosis)

1. Dr. Shamick Biswas – Comparative study of USG and MRI in carpal tunnel syndrome. Guide - Dr. P. K. Ghorai.
2. Dr. Shovan Kr. Pramanik – Role of MRI in diagnosis of dementia. Guide - Dr. P. K. Ghorai.
3. Dr. Sonam Gyatso – A comparative study in efficiency of USG & MRI in radiological assessment of shoulder pain related to rotator cuff pathology. Guide – Dr. K.S. Saha.

Thesis work in progress: 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.

Academic programme

- 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 for the session 2014-15 has been started in this institute from this year.
- Seminars, clinical meetings and journal clubs are arranged regularly in the department.

5. Service information

- CT Scan in a 4 slice scanner are done on all days for indoor & outdoor patients as well as patients referred from other Govt. Institutions.
- USG including Color 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.

Service statistics for last one year (01.11.13. to 31.10.14.)

- CT Scan = 8178 cases.
 - USG & Color Doppler = 1886 cases.
 - X-ray (exposures) = 6558.
 - DSA = 193 cases.
-

Bangor Institute of Neurosciences – Neurosurgery

1. 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. Shyama Pada Ghorai MBBS, MS, MCh	Professor
Dr. Dibyendu Kumar Roy MBBS, MS, MCh	Associate Professor
Dr. Amal Kumar Dhal MBBS, MS, MCh	Associate Professor
Dr. Tapan Kumar Patra MBBS, MS, MCh	Assistant Professor
Dr. Aniruddha Chattapadhyaya MBBS, MS (Ortho), MCh	Assistant Professor
Dr. Shahid Iftekhar Siddique MBBS, MS, MCh	Assistant Professor
Dr. Srikrishna Majhi MBBS, MS, MCh	Assistant Professor
Dr. Gitanjali Dutta MBBS, MS, MCh	RMO cum Clinical Tutor
Dr. Asok Acharyya, MBBS, D Ortho, MS (Anatomy), MS (General Surgery), MCh	RMO cum Clinical Tutor
Dr. Moloy Kumar Das MBBS	Medical Officer
Dr. Anjana Mukherjee MBBS	Medical Officer
Dr. Shikha Roy MBBS	Medical Officer

2. Faculty news

Prof. Samarendra Nath Ghosh

- Attended NEUROVASCON, Bangalore September 2014.
- Attended NSICON December 2013 Mumbai.
- Publications:
 - Saha R, Chatterjee U, Mondal S, Chatterjee S, Saha K, Ghosh SN; Expression of phosphatase and tensin homolog, epidermal growth factor receptor, and Ki-67 in astrocytoma: A prospective study in a tertiary care hospital; Indian Journal of Medical and Paediatric Oncology | Apr-Jun 2014 | Vol 35 | Issue 2
 - Bhattacharyya KB, Deb S, Ghosh S N, Mondal S. Bobbling head in a young subject. Ann Indian Acad Neurol 2014;17:371-3
- Pending publications:
 - Dhara S, Chandra V, Das T, Gulati P, Biswas N, Rote S, Chatterjee U, Ghosh SN, Deb S, Ghosh S, Saha SK, Chaudhuri AK, Rudin C, Mukherjee A, Basu A; Canonical hedgehog signaling pathway is active in GBM with no prognostic correlation in patients under standard clinical care; Biochemical and Biophysical Research Communications; Ms. No.: BBRC-14-3925

Prof Anup Kumar Chaudhuri

- Attended Microneurosurgery Workshop February 2014 AIIMS
- Publications:
 - Majhi S, Sarkar S, Saha S K, Chaudhuri A K; Radiographic and Clinical Outcomes Following Anterior Cervical Discectomy/Corpectomy and allograft fusion without Plate Placement : Indian Medical Journal; Nov 2013, Vol 107, No-11, Page 395-96
 - Sarkar S, Majhi S, Chaudhuri AK; Primary Intraspinal Malignant Melanoma; Indian Medical Journal; Vol 108, No 3, Page 102
- Pending publication:
 - Dhara S, Chandra V, Das T, Gulati P, Biswas N, Rote S, Chatterjee U, Ghosh SN, Deb S, Ghosh S, Saha SK, Chaudhuri AK, Rudin C, Mukherjee A, Basu A; Canonical hedgehog signaling pathway is active in GBM with no prognostic correlation in patients under standard clinical care; Biochemical and Biophysical Research Communications; Ms. No.: BBRC-14-3925

Prof. Subhasis Ghosh

- Attended The 6th World Congress Of Neuroendoscopy of IFNE, Mumbai, India, 8-11 December 2013
- Publications:

- J Kumar, K Roy, S Ghosh, P Tripathy: Cavernous sinus cavernous malformation: A case report; JANEI, Vol. 10(1), 2013.
- J Kumar, K Roy, S Ghosh, P Tripathy: Solitary intraspinal Neurocysticercosis: A Case Report; Accepted in JANEI.
- J Kumar, K Roy, S Ghosh, P Tripathy: Penetrating intradural foreign body without neurological loss: A case report; Accepted in Indian Journal of Neurotrauma.
- Gupta, O.P., Roy K., Ghosh S., Tripathy P. ; An unusual penetrating transorbital craniocerebral injury. The Indian Journal of Neurotrauma , Volume 11 , Issue 1 , 53 – 56
- Pending publications:
 - Kumar B, Ghosh S; Intracranial plasmacytomas mimicking epidural hematoma and revealed by Head Trauma; The Indian Journal of Neurotrauma; manuscript number IJNT-D-14-00067.
 - Dhara S, Chandra V, Das T, Gulati P, Biswas N, Rote S, Chatterjee U, Ghosh SN, Deb S, Ghosh S, Saha SK, Chaudhuri AK, Rudin C, Mukherjee A, Basu A; Canonical hedgehog signaling pathway is active in GBM with no prognostic correlation in patients under standard clinical care; Biochemical and Biophysical Research Communications; Ms. No.: BBRC-14-3925

Dr. Dibyendu Kumar Roy

- Attended NEUROVASCON, Bangalore September 2014.
- Attended Skull Base Surgery October 2014 Pondicherry.
- Attended NSICON December 2013 Mumbai.
- Participated in Movement Disorder Meet at Medica : Coordinator in DBS Session.

Dr. Tapan Kumar Patra

- Attended NSICON December 2013 Mumbai.
- Publications:
 - Majhi S, Banerjee C, Patra TK: Hyperthermia as a Prognostic Factor In Traumatic Brain Injury; Indian Medical Journal; Vol 108, No3, Page 83.
 - Majhi S, Patra TK, Karpe-Patil V; Posttraumatic Basal Ganglial Infarcts In Children : Case Series; Indian Medical Journal; Aug 2014, Vol-108, No 8, Pg 277.
 - Kumar H, Majhi S, Patra TK; Clinicoradiological Study of Diffuse Axonal Injury in Head Injury Patients; Indian Medical Journal; Mar 2014, Vol 108, No 3, Pg 48.

Dr. Amar Kumar Dhal

- Attended NSICON December 2013 Mumbai.
- Attended NS Update June 2014 Mumbai.
- Attended Neurotrauma August 2013, Mussoorie.

Dr. Shahid Iftekhar Siddique

- Attended Microneurosurgery Workshop February 2014 AIIMS.

Dr. Srikrishna Majhi

- Attended Microneurosurgery Workshop February 2014 AIIMS.
- Attended NS Update June 2014 Mumbai.
- Attended Skull Base Surgery October 2014 Pondicherry.
- Publications:
 - Majhi S, Sarkar S, Saha S K, Chaudhuri A K; Radiographic and Clinical Outcomes Following Anterior Cervical Discectomy/Corpectomy and allograft fusion without Plate Placement : Indian Medical Journal; Nov 2013, Vol 107, No-11, Page 395-96.
 - Majhi S, Banerjee C, Patra TK: Hyperthermia as a Prognostic Factor In Traumatic Brain Injury; Indian Medical Journal; Vol 108, No3, Page 83.
 - Sarkar S, Majhi S, Chaudhuri AK; Primary Intraspinal Malignant Melanoma; Indian Medical Journal; Vol 108, No 3, Page 102.
 - Majhi S, Patra TK, Karpe-Patil V; Posttraumatic Basal Ganglial Infarcts In Children : Case Series; Indian Medical Journal; Aug 2014, Vol-108, No 8, Pg 277.
 - Kumar H, Majhi S, Patra TK; Clinicoradiological Study of Diffuse Axonal Injury in Head Injury Patients; Indian Medical Journal; Mar 2014, Vol 108, No 3, Pg 48.

Dr, Gitanjali Dutta

- Attended NS Update June 2014 Mumbai.

- Attended NEUROVASCON 2014 Bangalore.

Dr. Asok Acharyya

- Attended DBS Workshop – Medica Kolkata 2014.
- Attended Traumacon Mumbai.

3. Annual intake of students

MCh (Postdoctoral) Trainees – 8 per year

1st year MCh Resident	2nd year MCh Resident	3rd year MCh Resident
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	Dr. Himanshu Kumar Dr. Brajesh Kumar Dr. Adnan Sheikh Dr. Subhayan Mandal Dr. Harish Chandr.a Gupta Dr. Naba Kumar Barman Dr. Deepak Bandlish Dr. Nikhil Talathi

4. Academic activities

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

5. Services provided

- 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
- 24 x 7 x 365 BIN Emergency at CI Block and Emergency admission Services at NCB/Alex/CCU
- Round the clock Emergency Operations at NEROT Complex
- Afternoon Pay Clinic at BIN Monday to Saturday

Services Summary (01/11/2013 to 31/10/2014)

- OPD Attendance At BIN - 57283
- Indoor Admissions At BIN – 1381
- Operations Done At BIN - 1192
- Emergency Admissions At SSKM - 4601
- Emergency and Elective Operations at SSKM – 1717

6. Research projects

Ongoing research projects

- Study of Apo E4 allele in Severe Head Injury in Eastern India.
- Canonical hedgehog signaling pathway is active in GBM with no prognostic correlation in patients under standard clinical care.
- Towards Improving Trauma Care Outcomes (TITCO) : A Multicentre Trauma Care Outcomes Project In Collaboration With Karolinska Institutet, Uppsala, Sweden and BARC, India.

Student Research projects

3rd Year PDT Thesis Topics

- Dr. Himanshu Kumar –Clinicoradiological study of diffuse axonal injury in head injury patients.
- Dr. Brajesh Kumar – Epidemiological study of posterior fossa head injuries in pediatric age group.
- Dr. Adnan Sheikh – Clinical outcome and management of nonneoplasticintradural spinal lesions.

- Dr. Subhayan Mandal – A comparative study of burr hole craniotomy with or without subdural drain in treatment of chronic subdural hematoma.
- Dr. Harish Chandra Gupta – Surgical management of extradural hematoma.
- Dr. Naba Kumar Barman – An institution based study of intracranial aneurysms.
- Dr. Deepak Bandlish – Study of craniopharyngiomas : Clinicopathological profile and management.
- Dr. Nikhil Talathi – Study of Apo E4 allele in severe head injury in eastern India.

2nd 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 defect.
- 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.

Conferences attended and papers published/presented by PDTs

Dr. Naba Kumar Barman

- NEUROVASCON 2014 September: Presented paper titled "Intracranial Aneurysms: An Institution Based Experience From Eastern India".
- Attended International Neurosurgery Update 2014, Mumbai.
- Attended Short Term Neurosurgery Skills Program in AIIMS.

Dr. Himanshu Kumar

- NSICON 2013 – Presented paper titled "Clinicoradiological Study of Diffuse Axonal Injury in Head Injury Patients".
- Published : Kumar H, Majhi S, Patra TK; Clinicoradiological Study of Diffuse Axonal Injury in Head Injury Patients; Indian Medical Journal; Mar 2014, Vol 108, No 3, Pg 48.

Dr. Nikhil Talathi

- Won 2nd Prize at Torrent Young Scholars' Award.

Dr. Deepak Bandlish

- Publications
 - Bandlish D, Attry S, Ghosh S, Das H. Assessment of nutritional status of critically ill neurosurgical patients and parameters predicting the outcome: An institutional observational study. Int J Nutr Pharmacol Neurol Dis 2014;4:179-84
 - Bandlish D, Biswas N, Deb S. Staging in giant vestibular schwannoma surgery: A two consecutive day technique for complete resection in basic neurosurgical setups J Neurosci Rural Pract. 2014 Jul;5(3):225-30. doi: 10.4103/0976-3147.133560.

Dr Brajesh Kumar

- Won Best Paper award at CONCORD 2014 organised by Spinal Cord Society of West Bengal.

Dr Amit Jain

- Attended Park Clinic Update : Skull Base Surgery.
- Attended BIN Endovascular Neurosurgery Workshop 2014.
- Attended CMRI Neuro Spine Workshop 2014.
- Attended Indo Japanese Live Medica Skull Base Neurosurgery Workshop 2014.
- Attended Medtronic Drilling Technique Workshop.

Dr Abhishek Shah

- Attended BIN Endovascular Neurosurgery Workshop 2014.
- Attended Medtronic Drilling Technique Workshop.

Biochemistry

1a. Teaching staff

Name	Degrees	Post
Prof. Sasanka Chakrabarti	MBBS,MD	Retired as Professor and Head on 29.11.14
Prof. S. Bannerjee	MBBS,MD	Head from 1.12.14.
Prof. Mousumi Mukhopadhyay	MBBS,MD	Professor
Dr. D. Mandal	MBBS,MD	Associate Professor
Dr. S. Chatterjee	MBBS,MD	Assistant Professor
Dr. A. Bhattacharya	MBBS,MD	Assistant Professor
Dr. S. Chatterjee	MBBS, MD	Demonstrator

1b. Post graduate trainees

Name	Session	Name	Session
Dr. Anirban Ganguly	2012-2015	Dr. Suparba Chakrabarti	2014-2017
Dr. Bhaswati Das	2012-2015	Dr. Ananya Kundu	2014-2017
Dr. Pankaj Mondal	2012-2015	Dr. Chandramallika Paul	2014-2017
Dr. Sangeeta Jana	2012-2015	Dr. Sabyasachi Sarkar	2014-2017
Dr. Shruti Anand	2012-2015	Dr. Indrajyoti Sarkar	2014-2017
Dr. Sibashis Bhattacharya	2012-2015	Dr. Anindya Prakash Ghosh	2014-2017
Dr. Sudeshna Ghosh	2012-2015	Dr. Bablu Saren	2014-2017
Dr. Ujjwal Kumar Bera	2013-2016		
Dr. Tapan Kumar Sinha Roy	2013-2016		
Dr. Sukanta Das	2013-2016		
Dr. Anchala Kumari	2013-2016		
Dr. Debashree Roy	2013-2016		
Dr. Neha Karar	2013-2016		
Dr. Aparajita Dhar	2013-2016		

1c. PhD research scholars

Mrs. Gargi Chatterjee	Mrs. Upasana Ganguly
Mrs. Oishimaya Sen	Ms. Rituparna Sarkar
Mr. Vineet Kumar Khemka	Ms. Suchisnigdha Datta
Ms. Priyanjalee Banerjee	Ms. Gargi Ganguly
Mr. Jit Poddar	

2. Conferences and workshops attended by faculty and students

- International Conference on Recent Trends in Free Radical and Antioxidant Research. (SFRR-India-14) (2014), Mumbai, India.
- XXXII Annual Meeting of Indian Academy of Neurosciences (2014), Bangalore, India.
- APSN2014 (2014), Kaohsiung, Taiwan.
- AMBICON, 2014, Kolkata, India
- ICAD, 2014, Beijing, China.

3. Publications of faculty members and students

- 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.

4. Regular academic activities:

- A.
 - i. Theory and practical classes for MD, MBBS, DMLT, BPT and B.Sc (Nursing) students.
 - ii. College and University examinations for MD, MBBS students.
 - iii. Journal club and seminars
 - iv. Thesis/Dissertation of MD and Ph.D students and regular project work.
- B. Thesis submitted by 7 MD. Students.

5. Service information (as on 30.11.2014)

Tests	No. of patients	Tests	No. of patients
1. Alkaline Phosphatase	16,423	22. Sugar	79,380
2. Albumin	8154	23. T3	5,820
3. Amylase	2415	24. T4	6,984
4. Bun (Urea)	46,134	25. TSH	9,580
5. Bilurubin	18,867	26. Micro Albumin	3,088
6. Creatinine	45,230	27. 24hrs Protein	2,790
7. Calcium	4,489	28. Uric Acid	20,048
8. Cholesterol	19,672	29. LH	2,548
9. Direct HDL	18,554		
10. Direct LDL	7,598	Special tests	
11. fT3	1,670	30. CA 125	991
12. fT4	4,081	31. CA 15.3	382
13. FSH	2,192	32. CA 19.9	31
14. Na+ K+ Cl-	58,800	33. CEA	313
15. TG	24,672	34. PSA	1610
16. Ca	2,405	35. Protein electrophoresis	84
17. Total Protein	17,106	36. 25 (OH) Vitamin D3	93
18. HBA1C	2026	37. Serum Fe	259
19. Prolactin	2,210	38. TIBC	259
20. S.G.O.T	14,006	39. Transferrin saturation	259
21. S.G.P.T	18,950	40. Ferritin	119

Community Medicine

Faculty

Name	Qualification	Designation
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 Bobby Pal	DCH,MD	Assistant Professor
Dr Sinjita Dutta	MD	Assistant Professor
Dr Debasish Sinha (Detailment)	MD	Assistant Professor
Dr Aditi Chaudhury	MD	Assistant Professor
Dr Sribas Roy	MBBS	Demonstrator

2. Faculty news

Prof. Raghunath Misra

Academic Activities

1. Acted as Convener of MBBS 3rd Professional Part I Examination.2014 in Community Medicine at IPGME&R, Kolkata from 06.01.14 to 09.01.14.
2. Acted as External Examiner of MBBS 3rd Professional Part I Examination.2014 in Community Medicine at Assam Medical College, Dibrugarh, Assam from 16.12.13 to 21.12.13.
3. Acted as External Examiner of MBBS 3rd Professional Part I Examination.2014 in Community Medicine at Darbhanga Medical College, Darbhanga, and Bihar from 03.01.14 to 05.01.14.
4. Acted as External Examiner of MD in Community Medicine Examination 2013 at Assam Medical College, Dibrugarh, Assam from 18.05.14 to 20.05.14.
5. Acted as External Examiner of DTM&H examination 2013 at Darbhanga Medical College, Darbhanga, Bihar from 29.05.14 and 31.05.14.
6. 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, 2014.
7. Acted as Adjudicator of thesis, submitted for the award of Ph.D. degree by Lalit Narayan Mithila University, Darbhanga in the month of January 2014
8. Acted as Adjudicator of thesis, submitted for the award of Ph.D. degree by Lalit Narayan Mithila University, Darbhanga in the month of May 2014
9. 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 December 2014.
10. Acted as Adjudicator of thesis, submitted for the award of Ph.D. degree by Banaras Hindu University, Varanasi
11. 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.
12. Acted as Paper-setter for MBBS 3rd Professional Part 1 examination in community Medicine of the West Bengal University of Health Sciences
13. Acted as Paper-setter for MD in Community Medicine examination 2014 in the West Bengal University of Health Sciences
14. Acted as Paper-setter for MBBS 3rd Professional Part 1 examination in community Medicine of the West Bengal University of Health Sciences
15. Acted as Paper-setter for MBBS 3rd Professional Part 1 examination in community Medicine of the Srimanta Sankaradeva University of Health Sciences, Assam.
16. Acted as an expert member of interview board for the post of assistant professor and associate professor at ESIC Medical College, Joka, Kolkata.

17. Validation of Research Tools: Research Tools of 12 M Sc (Nursing) students of the West Bengal University Of Health Sciences during the year.
18. Guided the post Graduate students for the statistical analysis of their dissertation work.
19. Member of Maternal Death Review Committee of IPGME&R

Research Activity

20. Acted as a member of Outbreak investigation team of "Acute Encephalitis Syndrome in Malda District" during the period from 19.06.14 to 21.06.14.
21. Organized eight short term project by involving undergraduate students during the year 2014.

Professional/Academic Bodies membership

1. **President**, Indian Association of Preventive & Social Medicine, (WB Chapter)
2. **Executive Member**, Indian Association of Tropical Medicine & Infectious Diseases
3. **Executive Member** Indian Public Health Association, WB

Training

1. Participated in the **workshop on the use of ICF coding** in Tertiary Care Hospitals & Medical Colleges on 26.08.14 at IPGME&R, Kolkata conducted by the Regional office for Health & Family welfare, Bhubaneswar.
2. Trained on "**ERMED Consortium** (e-learning)" on 10.10.2014 organized by the Department of Pharmacology at IPGME&R.
3. Got **certificate of BMJ learning**: Clinical review-investigating and managing pyrexia of unknown origin in adults on 09.09.2014.
4. Got **certificate of Participation from Hypertension Academy of Association of Physician on "Advanced learning Programme on Hypertension Management"** conducted in 2013-14.

Trainer

1. National Trainer of IMNCI
2. State Trainer of FIMNCI
3. National Trainer HIV sentinel Surveillance.

Training given

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** from 13.08.2014 to 27.08.2014 in batches

Meetings, Conferences, CMEs, Workshops and Seminars Attended:

1. Worked as Vice- President of 1st Annual Conference of West Bengal association of Sports Medicine (Sportsmedcon 2014) on 16.02.2014 IPGME&R.
2. Attended on **ERMED Consortium Training Program** (e-learning) on 10.10.2014 at IPGME&R organized by Pharmacology Department.
3. Attended **seminar on "Past, Present, and Future of Malaria"** on 10.12.2014 at GLT of IPGME&R, organized by Royal College of Medicine.
4. Attended **CME on Plagiarism** in Research on 13.12.2014 at IPGME&R organized by IAPSM-WB chapter.
5. Attended **Seminar on Eye Donation** Fortnight on 27.08.2014 at IPGME&R organized by Ophthalmology Department
6. Attended **seminar on Schizophrenia** organized by psychiatry department of Bangur Institute of Neurology & Psychiatry on 23.05.2014
7. Participated as a **speaker of sensitization programme on JE** on 12.08.2014 at IPGME&R organized by the Department of General Medicine.
8. Attended **IAPSM-WB chapter annual conference** on 11.04.2014 and 12.04.2014 at NRS medical college.
9. Acted as a **Chairperson of three scientific sessions** in IAPSM-WB chapter conference on 11.04.2014 and 12.04.2014 at NRS medical college.
10. **Organized and speaker** on 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
11. Organized and **delivered lecture** on Nutrition of first 1000 days of life on 24.04.2014
12. Participated workshop on **Respiratory medicine** organized by European Respiratory Society (ERS) on 05.06.2014.
13. **Organised and speaker of seminar on JE** on 20.08.2014 at IPGME&R organized by community medicine department

14. Attended **Thyroid Update, 2014** Kolkata organized by Endocrine Society of Bengal on 5.04.14
15. Participated in the **5th CME on Tropical & Infectious Diseases** on 15th June, 2014 at Kolkata.

Publications

1. 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
2. **Misra R**, Lahiri S, Chaudhuri A, Soren AB, Pal B. Contraceptive Behaviour of Tribal Eligible Couples in Bankura District of West Bengal. International Journal of Inovative Research & Development, 2014,3(6)375-380.
3. Shivam S, Roy RN, Dasgupta S, Bhattacharya KD, **Misra R**, Roy s, Saha I Nursing Personal Planning for Rural Hospitals in Burdwan District, West Bengal, India Using Work load Indicators of Staffing Needs . Journal of Health Population & Nutrition, 2014,32 (4) ,658-664.
4. 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 the general outpatient department in a tertiary care hospital of Kolkata, India. J Fam Med Primary Care 2014; Volume 3 : Issue 2:107-111.
5. 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 2015;6(1):10-15.
6. **Misra R**, Haldar A et al. Unmet Need For Contraception: An Overview From A District in West Bengal. Journal of Comprehensive Health. July-Dec 2013,1(1)
7. Saha R, Saha I, Sarkar AP, Das D, **Misra R**, Bhattacharya KD, Roy R.N, Bhattacharya A, Adherence to highly active antiretroviral therapy in a tertiary care hospital in West Bengal, India Singapore Med J 2014; 55(2): 92-98
8. Chatterjee S, Saha I, Mukhopadhyay S, **Misra R**, Chakraborty A, Bhattacharya A. Depression among nursing students in an Indian government college. British Journal of Nursing, 2014 ,23 (6) 316-320.
9. 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.
10. Shivam S, Saha I, Mondal TK, **Misra R**, Dasgupta S, Roy RN, Bhattacharya KD, Gender Differentials in Tuberculosis: An Experiences from a Rural Tuberculosis Unit of Burdwan District, West Bengal, India. TAF Prev.Med.Bull.2014, 13(2) 109-114
11. 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. Sita Chatterjee

Academic Activities

- 1) Internal Examiner of Final Professional MBBS (Part I) of WBUHS.
- 2) Thesis Guide of PhD of M. Sc Nursing Student
- 3) Convener of M.B.B.S 3rd professional part 1(Supply) on 21.5.14, at I.P.G.M.E&R

Meetings, Conferences, CMEs, Workshops and Seminars Attended:

- 1) Attended Annual Geriatric Conference at Academic building , I.P.G.M.E&R on 28/11/14.
- 2) Attended CME on Nutrition of first 1000 days of life on 24.04.2014 .
- 3) Attended seminar on Schizophrenia organized by psychiatry department of Bangur Institute of Neurology & Psychiatry on 23.05.2014
- 4) Organized and speaker on Standard Workplace Precaution at Community Medicine Dept. I.P.G.M.E&R. on 26/11/14
- 5) Attended CME on ART at Skin Dept. of I.P.G.M.E&R on 19/11/14
- 6) Attended workshop on World Diabetis Day at Command Hospital on 14/11/14.
- 7) Attended sensitization programme on JE on 12.08.2014 at IPGME&R organized by General Medicine Department.
- 8) Attended National Nutrition Week on 05.09.2014 organized by Diabetic Association of India, West Bengal.
- 9) Attended IAPSM-WB chapter conference on 11.04.2014 and 12.04.2014 at NRS medical college.
- 10) Attended Conference by Geriatric Association of India, W.B Chapter on 1.3.14 at B.R. Singh Hospital, Kolkata
- 11) Attended Conference by Geriatric Association Of India, W.B chap. on 3.5.14 at RamKrishna Mission Hospital, Kolkata
- 12) Attended Conference by Geriatric Association of India W.B. Chap. On 5.7.14 at Medical College, Kolkata
- 13) Attended Annual GB Meeting of Diabetic Association of WB on 14.06.2014 at IPGME&R.
- 14) Attended Insulin Discovery Day on 30.07.2014 at Rabindra Sadan organized by Diabetic Association of West Bengal.
- 15) Attended on ERMED Consortium Training Program (e-learning) on 10.10.2014 at IPGME&R organized by Pharmacology Department.

- 16) Attended seminar on "Past, Present, and Future of Malaria" on 10.12.2014 at GLT of IPGME&R, organized by Royal College of Medicine.
- 17) Attended CME on Plagiarism in Research on 13.12.2014 at IPGME&R organized by IAPSM-WB chapter.
- 18) Attended seminar on JE on 20.08.2014 at IPGME&R organized by community medicine department.
- 19) Attended CME on 17.1.14 at GLT on Foundation Day of IPGME&R.
- 20) Delivered lecture on BMW and PEP on 13.08.2014 and 20.08.2014 at IPGME&R
- 21) Attended Thyroid Update, 2014 Kolkata organized by Endocrine Society of Bengal on 5/04/14
- 22) Attended Best of ERS, India on 3/06/14 and 04/06/14 at Kolkata

Publications:

- 1) Basu M., Das P., Dhar G., Dutta S., **Chattopadhyay S.**, Bagchi S., Pal R. Pattern and determinants of overweight and obesity among future physicians. Nepal Journal of Epidemiology 2014;4(1):323-29.
- 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) Roy S, Paul B, Banerjee M, **Chattopadhyay S**, Basu M, Shivam S. A Study on Students' Perception of a Community-based Teaching Programme. Journal of Research in Medical Education & Ethics 2014;4(1): 78-82.
- 4) 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 the general outpatient department in a tertiary care hospital of Kolkata, India. J Fam Med Primary Care 2014;3:107-11.
- 5) Halder A, Saha TK, Baur B, Roy SK, **Chatterjee S**. Community Based study of reproductive tract infection in a district of West Bengal---An appraisal. Journal of Comprehensive Health. Vol 2: Issue 1 2014
- 6) 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.
- 7) Dutta S, **Chatterjee S**, Sinha D, Pal B, Basu M, Dasgupta A. Correlates of Anaemia and Worm Infestation among rural pregnant Women A cross sectional study from Bengal. National journal of Community Medicine. Vol. 4: Issue 4; Oct – Dec 13
- 8) Dutta S, Sengupta B, **Chatterjee S**, Dhar G. An Epidemiological Study on Infertility in a Rural Community of South 24 Pgs West Bengal. Calcutta Medical Journal .Volume 110 (4) 2013
- 9) Khemka V K, Ganguly A, Bagchi D, Ghosh A, Aritri Vir, Biswas A, **Chatterjee S**, Chakraborty S. Raised serum pro-inflammatory cytokines in Alzheimer Disease with Depression, Ageing and Disease. Volume 5 (3); 2014:172-176
- 10) Guha Thakurata I, Banerjee P, Bag MB, Ghosh A, Sahoo A, **Chatterjee S**, Chakraborty S. Combination of N Acetyl cysteine, alpha lipoic acid, alpha tocopherol substantially prevents brain Synapto-somal alteration of memory and learning deficits of aged rats, Experimental Gerontology. Vol 50 (2014) 19 to25.

Dr. Mausumi Basu

1. **Internal Examiner of 3rd Professional MBBS (Part 1) at CNMC** from 06.01.2014 to 11.01.2014.
2. **Participated in Research priority setting for Maternal, Neonatal, Child Health and Nutrition (MNCHN) in India** in a collaborative project with the Indian Council of Medical Research and The INCLEN Trust International ; **As a community medicine expert and as an eminent researcher; on 21.01.2014.**
3. Worked as Joint **Organizing Secretary** of 15th Annual Conference of West Bengal association of Sports Medicine (Sportmedcon 2014) on 16.02.2014 IPGME&R.
4. Worked as an Observer on behalf of the State Govt. for Common Entrance Examination conducted by the **Association of Minority Professional Academic Institutes (CEE-AMPAI)** on 03.05.2014 .
5. Worked **as internal examiner of 3rd professional part I** supple examination at IPGME&R on 20.05.2014.
6. Worked as a **panellist in Thalassemia Awareness program Panel discussion** on 23.05.2014 at NRS Medical college.
7. Worked as external **examiner of 3rd professional part I** supple examination on 12.07.2014 at Guwahati Medical College, Assam.
8. Organized and **delivered lecture on BMW and PEP** on 13.08.2014 and 20.08.2014 at IPGME&R.
9. Delivered lecture on Training of Trainers **(TOT) program for CDPOs** organized by Community Food & Nutrition Extension Unit, Kolkata, Food & Nutrition Board on 22.08.2014.
10. Worked as a **resource person** for a workshop organized by Fed Ex with The Calcutta Samaritans on health, hygiene along with a general health check up for the homeless children (25 approximately) on 05.11.2014 .
11. Worked as a **trainer for one day workshop on "New PPTCT guideline on Lifelong ART"** on 05.12.2014 at Community Medicine Seminar Room, R G Kar Medical College.
12. Worked as **Trainer of 20 homeless adolescent girls on Adolescent health** on 08.07.2014 organized by Calcutta Samaritan.

Meetings, conferences, CMEs, workshops and seminars attended:

1. Attended bimonthly **CME organized by Geriatric association of West Bengal** at Calcutta National Medical College on 01.03.2014.
2. Attended 5th on-site session of **FAIMER** at Coimbatore from 03.04.2014 to 05.04.2014.
3. Attended **Workshops on "Scoring Performance-Based Assessments" and Standard Setting of FAIMER** at PSG Institute of Medical Sciences & Research, Coimbatore on 03.04.2014.
4. Attended and delivered lecture on **World health Day 2014** at Calcutta Medical Research Institute (CMRI) on 07.04.2014.
5. Attended **IAPSM-WB** chapter conference on 11.04.2014 and 12.04.2014 at NRS medical college.
6. Attended **as Observer** of WBJEEM-2014 on 19.04.2014 and 20.04.2014.
7. Attended **CME on Nutrition of first 1000 days of life** on 24.04.2014 .8. Attended seminar on **Schizophrenia** organized by psychiatry department of Bangur Institute of Neurology & Psychiatry on 23.05.2014.
9. Attended workshop **on Respiratory medicine** organized by European Respiratory Society (ERS) on 05.06.2014.
10. Attended **Annual Meet of IDSP** on 12.06.2014 at IH&FW, Swasthya Bhavan.
11. Attended **Annual GB Meeting of Diabetic Association of WB** on 14.06.2014 at IPGME&R.
12. Attended **Insulin Discovery Day** on 30.07.2014 at Rabindra Sadan organized by Diabetic Association of West Bengal.
13. Delivered **lecture on Child Health & Nutrition, Advances in Assessment of Nutritional Status** in a scientific seminar to celebrate "World Breastfeeding Week 2014" on 02.08.2014 at Community Medicine Department of CMC organized by Indian Dietetic Association.
14. Attended **seminar on Metabolic syndrome** on 07.08.2014 at IPGME&R organized by Endocrine Society of West Bengal.
15. Attended **sensitization programme on JE** on 12.08.2014 at IPGME&R organized by General Medicine Department.
16. Attended **CME on Hyperhomocystinaemia** on 13.08.2014 at IPGME&R.
17. Attended **seminar on JE** on 20.08.2014 at IPGME&R organized by community medicine department.
18. Attended **National Nutrition Week** on 05.09.2014 organized by Diabetic Association of India, West Bengal.
19. Attended as a guest of **Family Medicine Career Development Workshop** Kolkata on 26.09.2014 at CMRI Auditorium organized by Academy of Family Physicians of India in association with CMRI.
20. Attended on **ERMED Consortium Training Program** (e-learning) on 10.10.2014 at IPGME&R organized by Pharmacology Department.
21. Attended **seminar on "Past, Present, and Future of Malaria"** on 10.12.2014 at GLT of IPGME&R, organized by Royal College of Medicine.
22. Attended **CME on Plagiarism** in Research on 13.12.2014 at IPGME&R organized by IAPSM-WB chapter.
23. Attended **Seminar on Eye Donation** Fortnight on 27.08.2014 at IPGME&R organized by Ophthalmology Department.
24. Worked as a **resource person** on Health Awareness in Belegkata Slum Area on mother and child health on 15.12.2014 organized by Presidency NSS units.

Training:

As Trainee:

1. Trained at 5th on site session of **PSG- FAIMER Fellowship** at Coimbatore from 03.04 2014 to 05.04.2014.
2. Trained of **Training of Trainers (TOT) on Prevention of Parent to Child Transmission (PPTCT)** at Hotel Indismart on 10.07.2014 and 11.07.2014 organized by West Bengal State Aids Prevention & Control Society.
3. Trained of **Training of trainers (TOT) on STI/RTI** on 16.07.2014 and 17.07.2014 at dermatology department of Calcutta Medical College & Hospital organized by Department of Dermatology, Venereology & Leprosy in Collaboration with West Bengal State Aids Prevention & Control Society.
4. Trained on **"ERMED Consortium** (e-learning)" on 10.10.2014 organized by Pharmacology Department at IPGME&R.
5. Got **certificate of BMJ learning**: Clinical review-investigating and managing pyrexia of unknown origin in adults on 09.09.2014.

Trainer:

1. State Trainer of PPTCT.
2. State Trainer of Syndromic Management of STD/RTI.

Professional Membership:

1. **Executive committee member** of IAPSM for 2014-15 since 11.04.2014..

Publications:

1. Haldar D, Das S, Bisoi S, **Basu M**, Roy SK, Sinha A. Post-marketing Surveillance on Safety of Japanese Encephalitis Vaccine SA 14-14-2 in Burdwan District of West Bengal, India. *Journal of Comprehensive Health* 2014;2(1): 18-28.
2. **Basu M**, Sinha D, Das P, Roy B, Biswas S, Chattopadhyay S. Knowledge and practice regarding pulmonary tuberculosis among private practitioners. *Ind J Comm Health* 2014; 25(4): 403 – 412.
3. Bhattacharya A, **Basu M**, Das P. The pattern of needle stick injury among health care workers at West Bengal. *Muller J Med Sci Res* 2014;5:29-33.
4. **Basu M**, Das P. Assessment of knowledge regarding tuberculosis in the context of revised national tuberculosis control program among budding doctors. *Chron Young Sci* 2014;5:59-64.
5. **Basu M**, Das P., Dhar G., Dutta S., Chattopadhyay S., Bagchi S., Pal R. Pattern and determinants of overweight and obesity among future physicians. *Nepal Journal of Epidemiology* 2014;4(1):323-29.
6. **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.
7. Roy S, Paul B, Banerjee M, Chattopadhyay S, **Basu M**, Shivam S. A Study on Students' Perception of a Community-based Teaching Programme. *Journal of Research in Medical Education & Ethics* 2014;4(1): 78-82.
8. Biswas DK, Bhunia R, **Basu M**. Dengue fever in a rural area of West Bengal, India, 2012: an outbreak investigation. *WHO South-East Asia J Public Health* 2014; 3(1): 46–50.
9. 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 the general outpatient department in a tertiary care hospital of Kolkata, India. *J Fam Med Primary Care* 2014;3:107-11.
10. **Basu M**, Sarkar TK, Choudhury G, Barua J, Mandal R, Ghosh D, Das P. Assessment of Nutrition, Morbidity & Immunization Status of Children (24 To 59 Months) Attending A Rural Medical College Hospital of West Bengal. *Journal of Comprehensive Health* 2014;2(2):39-52.
11. **Basu M**, Das P, Roy B, Baruah JK. Awareness and perception of budding doctors: A focal scenario on eye donation. *Asian J Ophthalmol.* 2014;13(4):141-150.
12. **Basu M**, Sarkar KC, Roy B, Das P, Barua JK, Biswas S. Profile of Nutrition among 24-59 Months Children in a Rural Area of Bengal, India. *Natl J Community Med* 2014; 5(3):296-301.
13. Bhatta charya A, **Basu M**, Chatterjee S, Misra RN, Chowdhury G. Nutritional Status and Morbidity Profile of School Going Adolescents in a District of West Bengal. *Muller Journal of Medical Sciences and Research* 2015;6(1):10-15.
14. Mandal A. **Basu M**. Das P. Mukherjee S. Das S. Roy N. Magnitude and Reasons for initial defaulter among new sputum smear positive cases of pulmonary tuberculosis under RNTCP in a district of West Bengal. Accepted for publication. *SEAJPH*.
15. 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.

Others:

1. Delivered speech in a **live programme on Kolkata Doordarshan** on 16.01.2014 from 7.30 pm to 8.00 pm about Immunization.

Dr. Tushar Kanti Mondal

Meetings, Conferences, CMEs, Workshops and Seminars attended:

- 1). Attended IAPSM Annual State Conference(WB chapter) on 11.4 to 12.04.2014 at NRS Medical College.
- 2). Attended National IMA Conference conducted by IMA (WB state) at Hotel Hindustan International, Kolkata, 8th, 9th August-2014
- 3) Attended seminar on Metabolic syndrome on 07.08.2014 at IPGME&R organized by Endocrine Society of West Bengal.
- 4) Attended sensitization programme on JE on 12.08.2014 at IPGME&R organized by General Medicine and Community Medicine Department.
- 6) Attended National Annual conference of Paediatric Association of India (PAI)organised by Paediatric Medicine, Burdwan Medical College Hospital on 30.10 to 2.11.14
- 7) Attended, Work-shop on Pharmaco-Vigilance, Nov-2014 at IPGME&R
- 8) Attended Annual State Conference of Diabetic association of India (8-9 Nov-14) at State IMA House
- 9) Attended the Annual Geriatric (WB state) conference conducted by Indian Academy Geriatric association at IPGME&R on 27th Nov-14.
- 12). Attended CME of IAP(WB, branch) on Wilson Disease, Paediatric poisoning organised by Paediatric Medicine, IPGME&R on 28th Nov.14
- 13). Attended CME on GI Bleeding and its causes, pathophysiology and management and Functional Dyspepsia, organized by General Medicine, IPGME&R on 2.12.14.

- 14). Attended the training programme(Workshops)) of NICU conducted by Urban Health Centre on 12.12.14(10AM-4PM) and CME on Acute Myocardial Infarction and its management on 6.12.14 both conducted by Vidyasagar State General Hospital, Behala, Kolkata
- 13). Present, and Future of Malaria" on 10.12.2014 at GLT of IPGME&R, organized by Royal College of Medicine.
- 14). Attended CME on Plagiarism in Research on 13.12.2014 at IPGME&R organized by IAPSM-WB chapter.

Research Activities:

1. Investigator of "Socio-demographic characteristics of poisoning cases in a tertiary care level hospital of West Bengal.
2. Investigator of "Socio-demographic characteristics of Rabies bite and its awareness in a in a Rural area of West Bengal.
3. Investigator of "Socio-demographic characteristic of Snake bite and its awareness in a tertiary Medical Hospital of West Bengal.

Publications:

- 1) **Mondal T K**, Sarkar A, Shivam S, Thakur R."Assessment of Infant and Young Child Feeding Practice Among Tribal Women in Bhatar Block of Burdwan District in West Bengal, India. International Journal of Medical Science and Public Health Surat, India2014, Vol 3 issu-1 p;314-16
- 2) Shivam S, Saha I, **Mondal T K** , Misra R, Dasgupta S, Roy R. N, Bhattacharyya K.D. "Gender Differentials in Tuberculosis: An Experience from a Rural Tuberculosis Unit of Burdwan District, West Bengal, India TAF Preventive Medicine Bulletin2014, April-June :14(2) 2013-06-073(2), Turkey
- 3) **Mondal T K**, Karmakar P R, Sarkar JN, Saha I, Das I, Chatterjee S. "Tobacco use pattern and awareness about tobacco hazards in a rural community of West Bengal". Indian Journal of Preventive & Social Medicine, Institute Of Medical Science, B H U, Varanasi 2014; 3(2): p;45-48, Dec-14

Dr. Bobby Pal

Academic Activities

- 1) Scrutinizer of Final Professional MBBS Examination 2014
- 2) Member of Institutional Ethics Committee of IPGME&R, Merit- cum- means stipend committee, Undergraduate Hostel Committee
- 3) Member of Maternal Death Review Committee of IPGME&R
- 4) Reviewer of Indian Journal of Public Health
- 5) Co-guide of MD Thesis of a Post Graduate student of All India Institute of Hygiene and Public Health
- 6) Delivered lecture on Biomedical Waste Management to internees at IPGME&R on 5/04/14
- 7) Organized Student Sensitization Programme on Health & Communication Skills at IPGME&R, Kolkata

Meetings, Conferences, CMEs, Workshops and Seminars Attended:

1. Attended IAPSM-WB chapter Annual Conference on 11.04.2014 and 12.04.2014 at NRS medical college
2. . Trained on "ERMED Consortium (e-learning)" on 10.10.2014 organized by Pharmacology Department at IPGME&R.
3. Attended seminar on "Past, Present, and Future of Malaria" on 10.12.2014 at GLT of IPGME&R, organized by Royal College of Medicine.
4. Attended CME on Plagiarism in Research on 13.12.2014 at IPGME&R organized by IAPSM-WB chapter.
5. Attended seminar on JE on 20.08.2014 at IPGME&R organized by Community Medicine Department.
6. Attended seminar on Metabolic syndrome on 07.08.2014 at IPGME&R organized by Endocrine Society of West Bengal.
7. Attended sensitization programme on JE on 12.08.2014 at IPGME&R organized by General Medicine Department.
8. Attended Thyroid Update, 2014 Kolkata organized by Endocrine Society of Bengal on 5/04/14

Training given

- 1) Trainer of Biomedical waste management and Post Exposure Prophylaxis on 13.08.2014 and 20.08.2014 at IPGME&R.
- 2) Training given to Kitchen staff on Safe Food Handling Practices at Medicine Department, IPGME&R, Kolkata on September, Kolkata

Publications:

Published

1. **Paul B**, Saha I, Kumar S, Ghose G. Clinical Trial – An Introduction to Essential Prerequisites. *Journal of Comprehensive Health* January 2014;
2. Basu M, Chatterjee S, Sinha D, **Paul B**, Dutta S, Das P. Knowledge of HIV/AIDS among patients attending general outpatient department of a tertiary care hospital of Kolkata. *National Journal of Community Medicine* January – March 2014; 5(1): 46 – 50.
3. Roy S, **Paul B**, Banerjee M, Chattopadhyay S, Basu M, Shivam S. A study on students' perception of a community based teaching programme. *Journal of Research in Medical Education and Ethics* January – March 2014.
4. **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.
5. Misra R, Lahiri SK, Chaudhuri A, Soren AB, **Paul B**. Contraceptive Behaviour of Tribal Eligible Couples in Bankura district of West Bengal. *International Journal of Innovative Research & Development* June 2014; 3(6): 375 – 380.
6. Dutta S, Chatterjee S, Sinha D, Pal B, Basu M, Dasgupta A. Correlates of Anaemia and Worm Infestation among rural pregnant Women A cross sectional study from Bengal. *National journal of Community Medicine*. Vol. 4: Issue 4; Oct – Dec 13

Accepted

1. **Paul B**, Roy S, Saha I, Misra RN, Chattopadhyay S, Basu M. Mobile phone usage pattern among undergraduate medical students at a Medical College of Kolkata, West Bengal, India. *Turkish Journal of Public Health*.
2. **Paul B**, Saha I, Kumar S, Ferdows SK, Ghose G. Mobile Phones: Time to Rethink and Limit Usage. *Indian Journal of Public Health*.

Dr. Sinjita Dutta

Meetings, Conferences, CMEs, Workshops and Seminars attended:

- 1) Attended **IAPSM-WB** chapter Annual Conference on 11.04.2014 and 12.04.2014 at NRS medical college
- 2) Attended Thyroid Update, 2014 Kolkata organized by Endocrine Society of Bengal on 5/04/14
- 3) Attended Best of ERS, India on 3/06/14 and 04/06/14 at Kolkata

Publication:

- 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) **Dutta S**, Chatterjee S, Sinha D, Pal B, Basu M, Dasgupta A. Correlates of Anaemia and Worm Infestation among rural pregnant Women A cross sectional study from Bengal. *National journal of Community Medicine*. Vol. 4: Issue 4; Oct – Dec 13.
- 3) 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.

Dr. Debasish Sinha

Academic Activities

- 1) External observer of 1st Professional Examination 2014 at Durgapur IQ City Medical College & Hospital from 1/07/14 to 08/07/14
- 2) Delivered lecture on "Contribution of Ancient India in Medical Sciences" in a National Seminar at Lalbaba College on 19/11/14

Meetings, Conferences, CMEs, Workshops and Seminars Attended:

1. Attended IAPSM-WB chapter Annual Conference on 11.04.2014 and 12.04.2014 at NRS medical college
2. . Trained on "ERMED Consortium (e-learning)" on 10.10.2014 organized by Pharmacology Department at IPGME&R.
3. Attended seminar on "Past, Present, and Future of Malaria" on 10.12.2014 at GLT of IPGME&R, organized by Royal College of Medicine.
4. Attended CME on Plagiarism in Research on 13.12.2014 at IPGME&R organized by IAPSM-WB chapter.
5. Attended seminar on JE on 20.08.2014 at IPGME&R organized by community medicine department.
6. Attended Annual Geriatric Conference at Academic building , I.P.G.M.E&R on 28/11/14.
7. Attended Thyroid Update, 2014 Kolkata organized by Endocrine Society of Bengal on 5/04/14
8. Attended Best of ERS, India on 3/06/14 and 04/06/14 at Kolkata

Training given

- 1) Trainer of Biomedical waste management and Post Exposure Prophylaxis on 13.08.2014 to 20.08.2014 at IPGME&R.

Training taken

- 1) Geriatric Medicine under IGNOU (PGDM)

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) Dutta S, Chatterjee S, **Sinha D**, Pal B, Basu M, Dasgupta A. Correlates of Anaemia and Worm Infestation among rural pregnant Women A cross sectional study from Bengal. *National journal of Community Medicine*. Vol. 4: Issue 4; Oct – Dec 13
- 3) 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.
- 4) Basu M, **Sinha D**, Das P, Roy B, Biswas S, Chattopadhyay S. Knowledge and practice regarding pulmonary tuberculosis among private practitioners. *Ind J Comm Health* 2014; 25(4): 403 – 412.

Dr. Aditi Chaudhuri**Academic Activities**

1. Received best paper award for the paper entitled- "Role of Bresol Tablet in Allergic Rhinitis: A Clinical safety and Efficacy study" from, *International Journal of Advanced Research in Medical Science (California)* in August 2014.
2. Reviewer of *Indian Journal of Public Health (IJPH)*

Publications

1. **Chaudhuri A**. Role of Bresol in Allergic Rhinitis: Clinical safety and Efficacy study. *International Journal of Advanced Research in Medical Science, California*. August 2014. Vol 1; issue 1.
2. Misra R, Lahiri SK, **Chaudhuri A**, Soren AB, Paul B. Contraceptive Behaviour of Tribal Eligible Couples in Bankura district of West Bengal. *International Journal of Innovative Research & Development* June 2014; 3(6): 375 – 380.

Dr Sribas Roy**Academic Activities**

- 1) External observer of 1st Professional Examination 2014 at NRS Medical College & Hospital from 1/07/14 to 08/07/14

Meetings, Conferences, CMEs, Workshops and Seminars Attended:

1. Attended **IAPSM-WB** chapter Annual Conference on 11.04.2014 and 12.04.2014 at NRS medical college
2. Trained on "**ERMED Consortium** (e-learning)" on 10.10.2014 organized by Pharmacology Department at IPGME&R.
3. Attended **seminar on "Past, Present, and Future of Malaria"** on 10.12.2014 at GLT of IPGME&R, organized by Royal College of Medicine.
4. Attended **CME on Plagiarism** in Research on 13.12.2014 at IPGME&R organized by IAPSM-WB chapter.
5. Attended **seminar on Japanese Encephalitis** on 20.08.2014 at IPGME&R organized by Community Medicine Department.

3. Academic activities

- a. Teaching of MBBS Students, Bachelor of Physiotherapy Students, MSc. Nursing Students.
- b. Teaching and training of final year MD (Community Medicine) students of All India Institute of Hygiene and Public Health.
- c. Training of the interneers of IPGME&R
- d. Research activities done by undergraduate students under the guidance of faculty members-
 - An Epidemiological study on patients with physical injuries attending a tertiary care hospital, Kolkata
 - An Epidemiological study on victims of Road Traffic Accident attending IPGME&R, Kolkata

- A project on knowledge, attitude and practice about Thalassemia among patients attending general OPD of SSKM Hospital, Kolkata
 - A project on knowledge, attitude and practice about Thalassemia among junior doctors attending general OPD of SSKM Hospital, Kolkata
 - A project on biomedical waste management among the sanitary workers 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.
- e. Nodal centre of 'Integrated Disease Surveillance Project' of SSKM Hospital, Kolkata. The department also conducts orientation Training Programmes for doctors, paramedical staff and nurses.
- f. Family Health Care Study done by the 6th Semester students in the urban field practice area.
- g. Regular CME programme Journal club, and Seminars held in the Department involving the faculty members and PGTs.
- h. Thesis protocol correction, thesis evaluation, thesis data analysis of post graduate students of IPGME&R and All India Institute of Hygiene and Public Health.
- i. 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.
- j. Organized training programme on BMW and PEP for Junior Doctors of IPGME&R from 13 – 20 Aug, 2014
- k. 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.
- l. Organised seminar on Japanese Encephalitis on 20.08.2014 at IPGME&R organized by Community Medicine Department.

4. Service information (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 Dr Aditi Chaudhuri
Thursday	Prof. Raghunath Misra Dr Bobby Pal Dr Sribas Ray
Saturday	Dr Mausumi Basu Dr Sinjita Dutta

Total OPD attendance since December 2013 to November 2014 - **20,812**

Attendance	Male	Female
New	5411	7492
Old	2914	4995
Total	8325	12487

Among the patients who attended the OPD, 17314 (83.2%) received treatment at the General OPD while 3498 (16.8%) were referred to other appropriate departments.

Dentistry (Odontostomatology)

1. Staff

a) Faculty

Name	Degree	Designation
1. Dr. U.K. Deb	M.D.S (Orthodontics & Dentofacial Orthopaedics)	Professor
2. Dr. Rupa Ghosh	M.D.S (Orthodontics & Dentofacial Orthopaedics)	Associate Professor
3. Vacant		Assistant Professor
4. Vacant		Demonstrator

b) Medical Officers

Name	Degree	Designation
1. Dr. S.K. Ghosh	B.D.S	M.O. (Dental)
2. Dr. Suparna Roy	B.D.S	M.O. (Dental)

c) Housestaff

1) Dr. Aeishi Chatterjee	6) Dr. Sreeya Sen	10) Dr. Sukanya Das
2) Dr. Arun Mondal	7) Dr. Shreyasi Barui	11) Dr. Sunit Kumar Safui
3) Dr. Ipsita Bhattacharjee	8) Dr. Somrita Bhattacharya	12) Dr. Supratik Chatterjee
4) Dr. Paromita Koley	9) Dr. Sriparna Jana	13) Dr. Vinayak Singh
5) Dr. Saini Dasgupta		

2. Transfers & postings

- Professor R.K Das got transferred to Dr. R Ahmed Dental College & Hospital from IPGMER-SSKM Hospital on 05.09.2014
- Professor U.K Deb got transferred from Dr. R Ahmed Dental College & Hospital to IPGMER-SSKM Hospital on 05.09.2014.
- Dr. Rahul Bhattacharya died on 20.11.2014.** He was posted in the Dept. as Asstt. Professor. Presently the post is lying vacant.

3. Faculty news

Dr. Uttam Kumar Deb

- Attended National conference 2013 and chaired scientific session (IDA)
- Attended State conference (IDA) and presented papers – " Importance of clinical examination (2013)
- 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 newspapers, magazines and periodicals
- Attended teacher's training workshop at Swastha Bhavan, Salt Lake in 2014
- Completed HIV workshop (Dept. of Health & 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 MDS (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 promotionals in dental and multi medical camps throughout West Bengal since last 25 years.

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

4. Academic activities

- 1) A CDE programme is being organized in the Department on 18.12.2014: Bleeding gums & its management. CDE programmes are organized on a regular basis on different contemporary topics.
- 2) Junior members of the Department are encouraged to prepare a topic on routine dental treatment & its complications.
- 3) Chair-side discussions on special cases of academic interest is undertaken regularly.
- 4) A white board is installed in the Department to promote academic interest among the House Surgeons.

This is one of the few departments in this premiere Post Graduate Institute where P.G. 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.

5. Service information

OPD location

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 hospitalized patients of NCB (New Casualty Block) Ward blocking the entrance of the Department.

OPD attendance

- Yearly total = 16600 (Approx.)
- Old cases = 2470
- New cases = 14130
- Average daily attendance = 70
- Referrals = 710

Minor oral surgical procedures performed under local anesthesia

- Surgical removal of impacted third molars (Wisdom tooth)
- Surgical removal of impacted canines
- Removal of periapical lesions
- Repair of dentoalveolar fracture and favorable fracture under L.A and inter-maxillary fixation
- Surgical excision of oral soft tissue growth
- Incisional and excisional biopsy
- Enucleation and marsupialization of benign cysts and tumors of jaws
- Intra oral and extra oral incision and drainage of acute orodental infections
- All types of tooth extractions (intra alveolar and trans alveolar) including retained or broken roots

Other procedures performed in the department

- Anterior tooth endodontic treatment (RCT)
- Selected posterior tooth endodontic treatment (RCT)
- Supra-gingival and sub-gingival 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 E.N.T are being evaluated regularly and exchanged opinion is also reciprocated accurately.

Departmental routine

Days	OPD	Floor
Monday	Dr. U. K. Deb Dr. Suparna Roy	Dr. Rupa Ghosh Dr. S. K. Ghosh
Tuesday	Dr. U. K. Deb Dr. Suparna Roy	Dr. Rupa Ghosh Dr. S. K. Ghosh
Wednesday	Dr. Rupa Ghosh Dr. S. K. Ghosh	Dr. U. K. Deb Dr. Suparna Roy
Thursday	Dr. S. K. Ghosh Dr. Rupa Ghosh	Dr. U. K. Deb Dr. Suparna Roy
Friday	Dr. Suparna Roy Dr. U. K. Deb	Dr. S. K. Ghosh Dr. Rupa Ghosh
Saturday	Dr. Rupa Ghosh Dr. S. K. Ghosh	Dr. U. K. Deb Dr. Suparna Roy

The Department has no bed but provides extensive OPD services. The patients who need indoor treatment are either referred to Dr. R. Ahmed Dental College & Hospital for seek the co – operation from the Department of Plastic Surgery or E.N.T, which is usually fulfilled.

Other information:

- Space – Inadequate space in Dental Department. The Administration has assured us to deliver better.
- Infrastructure – Instruments, Equipments& Materials are deficient in the Department. However, the Administration has assured us to deliver better.
- Introduction of P.G. Course - (only this Department has got no P.G. Courses)
- Centre of Excellence – This Department can be developed as a Centre of Excellence as an Orthodontic Centre.

Performance of the Department : (for the period from 01.12.2013 to 30.11.2014)

Type of Treatment	No. of cases performed
Routine dental extraction including transalveolar extraction	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	10
Cap splint (for dentoalveolar fracture)	10
Topical fluoride application	10

Dermatology

Faculty

1. Dr. Gobinda Chatterjee
2. Dr. Sumit Sen
3. Dr. B. Naskar
4. Dr. Abhishek De
5. Dr. Joydeep Singha
6. Dr. Ishad Agarrwal

Post/ Designation

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

Medical Officer

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

Medical Officer
Medical Officer

Post Graduate Trainees

MD:

Dr. Rahul Ahar
Dr. Banashree Majumdar
Dr. Atul Jain
Dr. Ayan Samanta
Dr. Debashish Sen
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

DVD

Dr. Md. Tajuddin Ahamed
Dr. Md. Asad Ansari
Dr. Prateek Tiwari
Dr. Tinku Mondal
Dr. Dipankar De
Dr. Ashish Kumar Kundu
Dr. Sukalpa Chaudhari
Dr. Sumita Bhattacharya
Dr. Apurba Lal Dutta
Dr. Naval Patel
Dr. Prunendu Dash

Service information

Dermatology OPD: Monday to Saturday

Leprosy Clinic: Wednesday

STI (Suraksha Clinic): Monday to Saturday

OPD Attendance:	NEW: 52000 approx.	OLD: 27000 approx.
Indoor Admission:	54	
Death:	2	

MINOR SURGICAL PROCEDURE PERFORMED:

Skin biopsy, I/L therapy, Electro Cautery, Radiofrequency, Chemical Peel, Minipunch Grafting for Vitiligo, Suction Blister Grafting etc.

Patch testing for contact dermatitis and chronic urticaria.

LASER: Monday, Wednesday, Thursday

CRYOTHERAPY: every fortnight

Faculty news

Prof. Gobinda Chatterjee

- Nominated as member of New Drug Advisory Committee of Govt. of India.
- Attended CUTICON 2014.
- Attended ISPD 2014
- Post-graduate examiner of WBUHS.
- M.D. thesis guide.

Publications

- A. Chronic venous ulceration of leg associated with peripheral arterial disease: an under appreciated entity in developing countries ; international wound journal.
- B. Non healing leg ulcer infected with *Streptotrophomonas Multophila* : first reported case from India , International wound journal.
- C. Eccrine angiomatous naevus revisited – IJD.
- D. Kindler'S syndrome: a case series of three Indian children- IJD.
- E. Mucocutaneous changes in tuberous sclerosis complex: a clinical profile of 27 Indian patients.
- F. 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.
- G. Atypical erythema nodosum leprosum 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.
- H. A case of ichthyosiform folliculitis: 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.
- I. Cutaneous manifestations of mixed connective tissue disease: study from a tertiary care hospital in eastern India. Sen S, Sinhamahapatra P, Choudhury S, Gangopadhyay A, Bala S, Sircar G, Chatterjee G, Ghosh A. Indian J Dermatol. 2014 Jan;59(1):35-40.
- J. 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.
- K. 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.
- L. 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
- M. 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.
- N. Granuloma faciale: exclusively extrafacial. Surana TV, Arghyaprasun G, Saugato B, Falguni N, Gobinda C, Chinmay H. Indian J Dermatol. 2013 May;58(3):245.
- O. 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.
- P. 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 Oct;11(5):546-9.

Dr. Sumit Sen

- 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

- A. Eccrine angiomatous Nevus : IJD
- B. Leprechaunism : IJD
- C. Syndromic management: Time for a Relook : IJDVL
- D. Zosteriform palisaded encapsulated neuroma, case report : IJD
- E. Primary CD30+ anaplastic cutaneous T cell Lymphoma- IJD

- F. Keloidal Scleroderma – IJD.
- G. MCTD- A clinicopathological study (in collaboration with dept. Of Rheumatology).
- H. Diogenes syndrome- a case report.

Ongoing work-

- A. Facial Aging in Indian population
- B. Chemical peels.

Other achievements:

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

Dr. B. Naskar

- Attended CUTICON 2014 held in Kolkata.
- Attended DERMACON & International Congress.
- M.D. thesis guide.

Publications

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

Dr. Abhishek De

- Selected and Invited as Rising Star to present a Paper in World Congress of Dermatology Vancouver 2015.
- Participated in Debate in Cuticon 2015 against the motion of "Is WHO MDT adequate in eliminating Leprosy "
- 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

1. 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.
2. 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.
3. 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.
4. A curious case of sweating blood. Biswas S, Surana T, De A, Nag F. Indian J Dermatol. 2013 Nov;58(6):478-80.
5. 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.
6. 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
7. "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 Accepted in Indian J Dermatology.
8. "Isolated tenosynovitis as a sole manifestation - the great mimicker still continues to surprise us" accepted in indian j dermatology.
9. "Zinc responsive acral hyperkeratotic dermatosis- a novel entity or a subset of some well-known dermatosis?" accepted in indian j dermatology.
10. "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
- Seminars online:
 - 1) Medscape dermatology.
 - 2) Webliner in different topics on dermatology.

Publications

1. Keratoacanthoma centrifugum marginatum with atypical scar
2. Aplasia Cutis congenita with ipsilateral melanocytic nevus
3. Music box soiree kertoderma without any systemic association.
4. Multiple Bowens disease in chronic arsenicosis.
5. Is psuedosleroderma an occupational disease in PVC pipe fitter.

Dr. Ishad Agarwal

- Attended CUTICON 2014

Publications

1. Diagnostic dilemma revealing a rare association of pseudoainhum with underlying vascular anomaly, provisionally accepted in Indian journal of Pediatric Dermatology.
 2. Bullous pemphigoid: clinically presenting as lichen amyloidosis , provisionally accepted in Indian journal of Dermatology, Venereology and Leprosy.
 3. Zinc responsive acral hyperkeratosis , a new entity or another subset of other dermatoses, accepted for publication in in Indian journal of Dermatology, Venereology and Leprosy.
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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
Sri Monotosh Chandra	:	M.T. Lab.
Sri Pradip Mandal	:	M.T. Lab.

Transfers and postings

- Dr. Rana Bhattacharjee, Appointed RMO cum Clinical Tutor.
- Dr. Arijit Singha, Appointed RMO cum Clinical Tutor.
- Dr. Arjun Baidya promoted as Assistant Professor and transferred to NRS Medical College, Kolkata.
- Dr. Dibakar Biswas promoted as Assistant Professor and posted in the department.
- Dr. Sujoy Ghosh promoted to the post of Associate Professor and posted in the department.

Departmental achievement

Our department has recently been recognized for infrastructural support under the FIST program of the Department of Science and Technology, Government of India (Level I).

Faculty news

Prof. Subhankar Chowdhury

Guest Lecture

- Hypothyroidism : the 3D perspective (dyslipidemia, depression, diabetes), International Clinical update in Endocrinology, Hyderabad on 2nd February 2014.
- Diagnosis and management of type 2 diabetes, Annual Conference of Medical Officers of Ordinance Factories of India, Kolkata on 8th February 2014
- Congenital Growth Hormone Deficiency, Growth Update, N.R.S. Medical College Hospital, Kolkata on 22th April 2014.
- Diabetes dyslipidaemia : of , current management issues, Annual conference of IDEA, Calcutta on 12.7.2014.
- Deciphering thyroid function test in pregnancy, Mid term Conference of Endocrine Society of India at Chennai on 20th July 2014.
- Gestational Diabetes, Awareness programme on Gestational Diabetes DST FAST TRACK, Kolkata on 28th July 2014.
- Exocrine Endocrine Linkage in Type 2 Diabetes, Annual Conference of Diabetic Association of India, West Bengal, Kolkata , on 30th July 2014.
- Management of hyperglycemia in CKD, Outreach CME of RSSDI, W.B. Chapter, Burdwan on 10th August 2014.
- Optimum management of Sub clinical thyroid dysfunction – Asia Oceania Thyroid Update at Kochi on 26th September 2014.
- Pubertal disorders in Type I diabetes, Afro Asia Conclave on Diabetes in Children at Delhi on 4th October 2014.
- Inconvenient truths – safely 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.

Chairperson:

- Current topics in Endocrinology, Annual Update of API, West Bengal Chapter, Calcutta on 9th February 2014.
- Iodine deficiency in India, Annual conference of IDEA, Calcutta on 12th July 2014.
- Newer Insights into action of Gliptins, Mid term Conference of Endocrine Society of India, Chennai, on 19th July 2014.
- Plenary Session – II at Annual Conference of Endocrine Society of India at Chandigarh on 14th November 2014.

D.M. Examiner

- D.M. Endocrinology Examiner on 25.7.14 & 26.7.14 at IPGME&R, Kolkata.
- DNB Examiner on 30.5.2014 & 31.5.2014, Kolkata.

Ongoing Research Projects

- A study to evaluate the Prevalence of Hypogonadism in Indian Males with Type 2 Diabetes Mellitus.
- 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, randomised, 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

Guest Lecture

- Beta cell preservation: current status and therapeutic promises for future prevention. Annual conference of Integrated Diabetes and Endocrine Academy, Calcutta on 12.7.2014.
- Insulin resistance: molecular mechanisms and clinical implications. Annual conference of the Indian Society of Nephrology, Calcutta, 2014
- Lipid- induced insulin resistance: clinical implications. Prof. MMS Ahuja memorial oration. at Annual Conference of Endocrine Society of India, at PGIMER, Chandigarh on 14th November 2014.
- Lipids and insulin resistance: Indian scenario, at the Annual Conference of RSSDI at Bangalore on 22nd November 2014.
- Vitamin D deficiency and insulin resistance. National seminar on molecular biology and biotechnology, Dept. of molecular biology and biotechnology, Tezpur University, Tezpur, Assam.
- Lipids and insulin resistance: challenges ahead. New Biology section, Indian Science Congress, 6 January, 2014.
- Can vitamin D supplementation prevent diabetes? At the best of ADA India meeting, 18 October, New Delhi, 2014.
- Gestational Diabetes: what's new? At the annual conference of the North Eastern Diabetes Society, 10 October at Shillong, Meghalaya, 2014.
- "Beta cell preservation in Diabetes- challenges ahead". At the Dept. of Biotechnology, St. Xavier's College, Calcutta, on 6 August, 2014.

Chairperson

- Free paper session. Annual Conference of Diabetic Association of India, West Bengal, Kolkata, on 30th July 2014.
- Session on Primary hyperparathyroidism. At the Annual conference of the Indian Society for Bone and Mineral Research (ISBMR), 16 September, 2014 at BYL Nair hospital, Mumbai.
- Session on Hypercalcemic crisis. International Clinical update in Endocrinology, Hyderabad on 2nd February 2014.
- Assessment of Growth Hormone Deficiency in children. Growth Update, N.R.S. Medical College Hospital, Kolkata on 22th April 2014.
- Current topics in Endocrinology, Annual Update of API, West Bengal Chapter, Calcutta on 9th February 2014.
- Iodine deficiency in India, Annual conference of IDEA, Calcutta on 12th July 2014.
- Newer Insights into action of Gliptins, Mid term Conference of Endocrine Society of India, Chennai, on 19th July 2014.
- Plenary Session – II at Annual Conference of Endocrine Society of India at Chandigarh on 14th November 2014.
- Approach to pharmacotherapy of type2 diabetes. Organized by the Public Health Foundation of India on 20 July, 2014 at Calcutta.

D.M./ DNB Examiner

- D.M. Endocrinology Examiner on 25.7.14 & 26.7.14 at IPGME&R, Kolkata.
- DNB Endocrinology Examiner, 2014, MGR Medical College, Bangalore
- D.M. Endocrinology Examiner, BHU, 21- 22 July, 2014
- D.M. Endocrinology Examiner, Gauhati Medical College, 2014, 2015 (Jan, suppl.)

Ongoing Research Projects

1. Molecular Mechanisms of Beta Cell Apoptosis in animal models of Type1 Diabetes.
2. Free fatty acid induced differential regulation of CPT1 and CPT2 and its contribution to insulin resistance in skeletal muscle.
3. Insulin resistance leads to neuronal degeneration through oxidative stress in a neural cell line.
4. Impact of Cathepsin K inhibitor Odanacatib on fracture risk reduction in postmenopausal osteoporosis.
5. Role of free fatty acids in regulation of Fetuin A and NFkB gene expression in palmitate treated adipocyte, hepatic and muscle cell lines.
6. Role of Type-I interferons in insulin resistance.
7. Molecular mechanisms underlying proliferative and invasive behavior of malignant ovarian tumors.
8. Identification of genetic markers for Indian Type2 diabetics.
9. DPP-IV concentration and activity in plasma and adipose tissue in Indian Type2 diabetics.
10. Safety and efficacy of once weekly semaglutide on glycemic control in type2 diabetic on metformin and pioglitazone- a phase III clinical trial.

Dr. Pradip Mukhopadhyay

Guest Lecture

- Use of insulin in critical Care set up at "Dissemination of updated Information through API Speakers (DIAS)" program on 8th & 9th February 2014.
- "Doubts about Gout" at CME organized by RSSDI, West Bengal Chapter and ABCD at Burdwan on 10.8.14
- "Basal Insulin: Options and Practice" on World Diabetes Day 14th November at Command Hospital Kolkata.
- Practical Diabetes management Workshop by RSSDI and IACM, WB Chapter on "Diet, Artificial Sweeteners, Fibers, Oil, Fructose".

Conference attended:

- 50th Annual Meeting of European Association for the Study of Diabetes. 15-19th September, 2014. Held at Vienna, Austria.

Thesis Guide:

- A study of serum lipid profile in patients with Type 2 Diabetes Mellitus with and without Vitamin D deficiency attending a tertiary care hospital in Kolkata. Submitted for the Degree of MD. By Dr Sourav Pradhan MBBS.
- Endocrine Changes via thalassemia with special reference to puberta Changes. By Dr Dipanjan Chakrabarty. PDT Clinical Hematology.

Dr. Sujoy Ghosh

Guest lectures:

- Role of Non-HDL cholesterol, special reference to Saroglitazar: APICON, Jan 2015, Coimbatore
- Thyroid dysfunction: interesting cases: ICE, Hyderabad 2nd Feb 2015
- Post partum thyroiditis: BOGS, Kolkata March 2015
- Incretin based therapies: CV aspects, Guwahati, Assam Endocrine chapter April 2015
- Faculty PHFI for CCEBDM course on Diabetes, in conjunction with Kolkata Diabetes Forum
- Faculty PHFI for ACMDC course on cardiovascular complications of Diabetes
- Can Bariatric surgery safely cure Type 2 Diabetes?: Debate at IDEACON, July 2015
- Role of Kidney in diabetes: TREND, Chennai, July 2015
- Hyperthyroidism in pregnancy: AOTA Kochi, September 2015
- How to stay young: an endocrinologists view point. ESICON 2015, Chandigarh, November 2015
- Thyroid dysfunction in type 2 diabetes: RSSDI, Bangalore November 2015

- Management of GDM, BOGS, Kolkata December 2015

Training workshops:

- Good Clinical Practice: RSSDI West Bengal Chapter March 2015
- Organized day long workshop on Diabetes for MD PDTs, RSSDI west Bengal, April 2015
- How to read a paper workshop, Endocrine Society of Bengal, June 2015

Awards & Achievements:

- Awarded Fellowship of Royal College of Physicians, London

Dr. Dibakar Biswas

Guest lecture

- At RSSDI Bangalore 2014. Topic- Bone mineral density, bone health and diabetes

Other activities

- Patient awareness program on behalf of RSSDI West Bengal chapter at Malda
- CME at Malda IMA as a speaker on "Initiation of insulin in type 2 diabetes"
- CME at Berhampore IMA as a guest speaker on "Newer drugs in type 2 diabetes"

Dr. Rana Bhattacharjee

Guest lectures

- Endocrine Emergencies – API North Bengal Conference, Siliguri
- Managing Diabetic Dyslipidemia – IACM peripheral CME at Barrackpore
- Cardiovascular Safety of Gliptins- World Diabetes Day organized by RSSDI WB and DAIWB at Command Hospital, Kolkata
- Lipid Management in Diabetes- IMA South Kolkata
- Interpretation of Thyroid Function Test – IACM State Conference
- In Hospital management of Diabetes- Indian Chapter of Royal College of Physicians

Training workshops:

- Practical Diabetes management Workshop by RSSDI and IACM, WB Chapter on "Use of Insulin in Clinical Practice".
- How to read a paper workshop, Endocrine Society of Bengal, June 2015

Dr. Arijit Singha

Conferences attended:

- (1)RSSDI clinical meeting (Kolkata, West Bengal).
- (2)ADA 2014(Kolkata, West Bengal).

Dr. Ankur Sinha (PDT)

Conference attended: RSSDI WB chapter 2014, AESCON 2014, Assam, Endocrine summit 2014, Mumbai, Endocrine society, workshop on how to read a paper 2014, ICH-GCP Certificate training 2014

Dr. Amritava Ghosh (PDT)

Conferences attended and presentations made

- ESICON-2014
- Poster presentation- Congenital adrenal hyperplasia presenting as secondary central precocious puberty following treatment of bilateral testicular rest tumors
- IDEACON- 2014
- RSSDI Conference (West Bengal chapter)- 2014

Workshops attended

- Good clinical practice
- How to read a paper
- How to make a presentation
(Organized by Endocrine Society of Bengal)

Departmental publications

1. Chowdhury S, Chakraborty PP. TSH and longevity, Thyroid Research and Practice 2013; 10: 3-4.
2. Glucometer for kids: what do we need? Thukral A, Selvan C, Ghosh S, Chowdhury S. J Diabetes Sci Technol. 2013 Nov 1;7(6):1657-8. No abstract available.
3. Comments on "Effect of pioglitazone on testosterone in eugonadal men with type2 diabetes mellitus : a randomized double-blind placebo controlled study". Manoj Kumar, Anubhav Thukral, Rajesh Jain, Sandeep Chaudhary, Satinath Mukherjee and Subhankar Chowdhury, Clinical Endocrinology (2013) 78, 454-459.
4. "Diabetic Myonecrosis: An Indian Experience". Dayanidhi Meher, Vivek Mathew, Raiz Ahmed Misgar, Satinath Mukherjee, Subhankar Chowdhury, Jyothi Chowdhury Clinical Diabetes, Volume 31, Number 2, 2013.
5. "Pituitary Hyperplasia and Van Wyk Grumbach Syndrome: A Consequence of Chronic Untreated Congenital Hypothyroidism", Deep Dutta, Manoj Kumar, Rajesh Jain, Anubhav Thukral, Sujoy Ghosh, Satinath Mukhopadhyay, Subhankar Chowdhury, JAFES, Vol. 28 No. 1 May 2013, 88-89, www.asean-endocrinejournal.org
6. "Solitary median maxillary central incisor, a clinical predictor of hypoplastic anterior pituitary, ectopic neurohypophysis and growth hormone deficiency", Deep Dutta, Rajesh Jain, Manoj Kumar, Anubhav Thukral, Subhankar Chowdhury and Satinath Mukhopadhyay, DOI 10.1515/ JPEM-2013-0128, Journal of Pediatric Endocrinology and Metabolism 2013.
7. HLA class II SNP interactions and the association with type 1 diabetes mellitus in Bengali speaking patients of Eastern India. Oindrila Raha, Biswanath Sarkar, Bhaskar VKS Lakkakula, Veerraju Pasumarthy, Sudhakar Godi, Subhankar Chowdhury, Pradip Raychaudhuri, Raghavendra Rao Vadlamudi. Journal of Biomedical Science 2013, 20:12 doi:10.1186/1423-0127-20- 12
8. Menarcheal age of type 1 diabetic Bengali Indian females. Oindrila Raha, Biswanath Sarkar, Sudhakar Godi, Abhishikta Ghosh Roy, Veerraju Pasumarthy, Subhankar Chowdhury, Raghavendra Rao Vadlamudi. Gynecol Endocrinol. Early Online: 1-4; 2013 DOI: 10.3109/09513590.2013.819080
9. "Medical Management of Thyroid Ectopia: Report of three cases", Deep Dutta, Manoj Kumar, Anubhav Thukral, Dibakar Biswas, Rajesh Jain, Sujoy Ghosh, Satinath Mukhopadhyay, Subhankar Chowdhury Journal of Clinical Research Pediatric Endocrinology 2013; 5(3): 212-215
10. "Case Studies in Insulin Therapy: The Last Arrow in the Treatment Quiver", Anubhav Thukral, Chitra Selvan, Partha Pratim Chakraborty, Ajitesh Roy, Soumik Goswami, Rana Bhattacharjee, Sujoy Ghosh, Satinath Mukherjee, Subhankar Chowdhury. Clinical Diabetes, Volume 31, Number 4, 2013, 175-178
11. "Metastatic Adenocarcinoma Arising from Fibrocalcific Pancreatic Diabetes", Deep Dutta, Manoj Kumar, Rajesh Jain, Anubhav Thukral, Dibakar Biswas, Sujoy Ghosh, Satinath Mukhopadhyay, Subhankar Chowdhury. Images in Endocrinology, JAFES, Vol. 28 No. 2 November 2013, Pages 165-166.
12. "Unusual Case of Pubertal Gynaecomastia", Sandeep Chaudhary, Anubhav Thukral, Sumit Chakraborty, Satinath Mukhopadhyay, Subhankar Chowdhury. Images in Endocrinology, JAFES, Vol. 28 No. 2 November 2013, Pages 167-168.
13. "Insulin in Pregnancy: guidelines that can be implemented", Subhankar Chowdhury, Partha Pratim Chakraborty, JIMA, Vol. 111, No. 11, Kolkata, Nov 2013, Pages 766-769.
14. "Primary Hyperparathyroidism Masquerading as Rickets: Diagnostic Challenge and Treatment Outcomes", Deep Dutta, Manoj Kumar, Ram Narayan Das, Saumik Datta, Dibakar Biswas, Sujoy Ghosh, Satinath Mukhopadhyay, Subhankar Chowdhury. Journal of Clinical Research in Pediatric Endocrinology 2013; 5(4): 266-269.
15. Serum vitamin-D predicts insulin resistance in individuals with prediabetes. Dutta D, Maisnam I, Shrivastava A, Sinha A, Ghosh S, Mukhopadhyay P, Mukhopadhyay S, Chowdhury S. Indian J Med Res. 2013 Dec;138(6):853-60.
16. "Addendum: First injection technique recommendations for patients with diabetes, Forum for Injection Techniques India", Sanjay Kalra, Yatan Pal Singh Balhara, Manash P. Baruah, Manoj Chadha, Hemraj B. Chandalia, Subhankar Chowdhury, Jyothydev Kesavadev, K.M. Prasanna Kumar, Sonal Modi, Shailesh Pitale, Shukla Rishi, Rakesh Sahay, Annamalai Sundaram, Ambika G. Unnikrishnan, Subhash K. Wangnoo. Indian Journal of Endocrinology and Metabolism/Nov-Dec 2013/Vol 17/Issue 6, 1005-1008.
17. "Needle aspirate PTH in diagnosis of primary hyperparathyroidism due to intrathyroidal parathyroid cyst". Dutta D, Selvan C, Kumar M, Datta S, Das RN, Ghosh S, Mukhopadhyay S, Chowdhury S. Endocrinol Diabetes Metab Case Rep. 2013: 2013:130019. Doi:10.1530/EDM-13-0019.
18. "Glucokinase Gene Mutations (MODY 2) in Asian Indians", Kanthimathi S, Jahnavi S, Balamurugan K, Ranjani H, Sonya J, Goswami S, Chowdhury S, Mohan V, Radha V. Diabetes Technol Ther. 2014 Jan 9.
19. "Genetic analysis of thyroid peroxidase (TPO) gene in patients whose hypothyroidism was found in adulthood in West Bengal, India". Balmiki N1, Bankura B, Guria S, Das TK, Pattanayak AK, Sinha A, Chakrabarti S, Chowdhury S, Das M. Endocr J. 2014 Jan 10. [Epub ahead of print].

20. "Signature biomarkers in Diabetes Mellitus and associated Cardiovascular diseases". Karmakar T, Mallick SK, Chakraborty A, Maiti A, Chowdhury S, Bhattacharyya M. Clin Hemorheol Microcirc. 2014 Feb 14. [Epub ahead of print]
21. "Functional Analysis of Thyroid Peroxidase Gene Mutations Detected in Patients with Thyroid Dysmorphogenesis" SrikantaGuria,BiswabandhuBankura, NishaBalmiki, Arup Kumar Pattanayak, Tapas Kumar Das, AnirbanSinha,SudiptaChakrabarti, SubhankarChowdhury and Madhusudan Das. International Journal of Endocrinology, Volume 2014, Article ID 390121, 8 pages. <http://dx.doi.org/10.1155/2014/390121>.
22. "Graves' Orbitopathy Precipitated by Iatrogenic Hypothyroidism Secondary to Carbimazole for Graves' Disease". Deep Dutta, Manoj Kumar, SatinathMukhopadhyay, SubhankarChowdhury .Indian Journal of Paediatrics, DOI 10.1007/s 12098-014-1443-2, Published online: 29April 2014.
23. "Skull metastasis as the presenting feature of mixed medullary and follicular thyroid carcinoma". Deep Dutta, M.Kumar, A.Sen, Jyothi.Raman.Chowdhury, M.Mukhopadhyay, S.Mukhopadhyay, SubhankarChowdhury. ActaEndocrinologica (Buc), Vol. X, no. 2,Page 299-306, 2014. Doi: 10.4183/aeb.2014.299. 1.
24. "Non-invasive 13C-glucose breath test using residual gas analyzer-mass spectrometry: a novel tool for screening individuals with pre-diabetes and type 2 diabetes".ChiranjitGhosh, AbhijitMaity, Gourab D Banik, SumanSom, ArpitaChakraborty,ChitraSelvan, ShibenduGhosh,Barnali Ghosh4, SubhankarChowdhury and ManikPradhan J. Breath Res. 8 036001. doi:10.1088/1752-7155/8/3/036001,2014..
25. "Role of parathyroid hormone estimation in needle washing of parathyroid aspiration biopsy in localising 99m Tc-sestamibi-negative primary hyperparathyroidism: a series of seventeen patients: Our experience".DeepDutta, Indira Maisnam, ChitraSelvan, SujoyGhosh, S Mukhopadhyay and SubhankarChowdhury.Clinical Otolaryngology39, 174-197.
26. " Percutaneous ethanol ablation in managing predominantly cystic thyroid nodules : An eastern India perspective".NupurBasu, Deep Dutta, Indira Maisnam, SwadhapriyaBasu, SujoyGhosh, SubhankarChowdhury ,SatinathMukhopadhyay.Indian Journal of Endocrinology and Metabolism/ Sep-Oct2014/Vol18/Issue5, 662-668.
27. "Testosterone levels and type2 diabetes in men: current knowledge and clinical implications" Anne M Beatrice, Deep Dutta, Manoj Kumar, KumbennahalliSiddegowda, Shivaprasad, AnkurSinha, SayantanRay SubhankarChowdhury.Diabetes, Metabolic Syndrome and Obesity : Targets and Therapy 2014;7 481-486.
28. RanaBhattacharjee, P.P.Chakraborty,SujoyGhosh, PradipMukhopadhyay, SatinathMukhopadhyay, SubhankarChowdhury"Double Bright Spot" in T1 weighted Non-contrast MRI of Pituitary in Multiple Pituitary Hormone Deficiency..Indian Journal of Pediatrics, Published online:23Oct2014, DOI 10.1007/s 12098-014-1607-0.67
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Student information

Dr. Subhodip Pramanick, Dr. Ashok Kumar, Dr. Manojkumar Madhukar, Dr. Umakanta Mahapatra, Dr. Satyaki Manna, 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: 7369 Old Patients: 15299
Endocrine OPD (Monday, Tuesday & Friday)	New Patients: 4546 Old Patients: 7204
In Patients: Diabetological Problems	69
Other endocrinological problems	65

Laboratory information

Following hormone assays were carried out in the period Nov. 2013 to Oct. 2014:

FT3	391	Cortisol	452	ACTH	112
FT4	3689	Insulin	274	IGFI	178
TSH	4965	GH	192	CPEPTIDE	117
LH	240	Anti TPO Ab	404	IGF BP3	50
FSH	273	Anti TG Ab	96	TG	59
Prolactin	250	Androstenedione	44	iPTH	555
Testosterone	310	DHEASO4	41		

Total Tests done 12,662

Total Patients 6,469

Forensic & State Medicine

1. Teaching staff

Dr. Biswanath Kahali	MBBS, DFM, MD, MIAFM	Professor & Head
Dr. Pralay Majumdar	MBBS	Demonstrator
Dr. Biswanath Saren	MBBS	Demonstrator

2. Transfers and Postings

Nil.

3. 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.

4. Regular academic activities

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

5. Service Information

- | | |
|--|----------------------------|
| • No. of Postmortem examinations conducted in 2014 | 2117 |
| • No. of age estimation Cases done in 2014 | 69 |
| • No. of sexual assault cases examined in 2014 | 100 (Male 40, Female 60) |
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Institute of Cardiovascular Sciences – Cardiac Anaesthesiology

This department of Cardiac Anaesthesiology started its journey in the year 2011 as per G.O. No. H/MA(MES)/495/ME/MISC-15-2011 dated 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 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 **recognized for 02 (Two) 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)

The post doctoral trainees who passed DM Cardiac Anaesthesiology in August 2014 under WBUHS from Department of Cardiac Anaesthesiology were:

- Dr. Kakali Ghosh
- Dr. Monalisa Dutta

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), FIACCTA	Assistant Professor
Dr. Sandeep Kumar Kar MD.	Assistant Professor
Dr. Asit Munsri, DA	Medical Officer

Posts vacant:

- Two Posts of Associate professor
- Three Posts of RMO-Cum Clinical Tutor

This is due to creation of 1 post of professor (filled) 1 post of Associate professor, 1 Post of Assistant Professor (filled) and 2 post of Rmo cum clinical tutor vide order number **HF/O/MERT/64/ME/PG-31-13** dated 17th/01/2014 over and above the existing posts.

Post-doctoral trainees

Dr. Somnath Dey, MD (PGI)
Dr. Jyoti Ranjan Parida, MD (SU)
Dr. Anusuya Banerjee, MD (WBUHS)
Dr. Dipanwita Das, MD (WBUHS)
Dr. Tanmay Ganguly, MD (WBUHS)
Dr. Soumi Das, MD (WBUHS)

Academic activities

1. Regular classes, examinations for assessment and hands-on training for DM (Cardiac Anaesthesiology) and MD (Anaesthesiology) students.
2. Attending CME programs organized by ISA WB and ACTAWB.
3. Attending various conferences at State, Zonal, National, and International level by post graduate/doctoral trainees and teachers.
4. Paper presentations at various conferences by post graduate/doctoral trainees and teachers.

5. Delivery of lectures and orations and participation in panel discussions by teachers at conferences at the state, zonal, and national level.
6. Delivery of lectures and orations and participation in panel discussion by teachers at post graduate assembly attended by PG students from various medical colleges.
7. PG trainees in Anesthesiology are sent to this Dept. from this and other institutions for hands-on training in Cardiac Anesthesiology.
8. The department organized CME Program- CTVAC 2013 for the exam going MD/DA/DNB students, which was awarded 5 CME Credit hours by West Bengal Medical Council

Publications

- Adhikari D, Kar SK, Choudhuri R, Goswami A, Dasgupta CS (2014) A Discussion about Modalities of Smoking Cessation in Perioperative Phase for Addicts: A Review Article. J Addict Med Ther Sci 1(1): 102-8.
- Choudhuri R, Kar SK, Adhikari D, Dasgupta CS (2014) Fat Embolism Syndrome and Role of Immunomodulation: A Case Report. J Clin Exp Cardiol 5:332.

Faculty news

Prof. Anupam Goswami

- a) Guide or co guide of 6 (six) DM (Cardiac Anesthesiology) students and 4 (four) MD (Anaesthesiology) students
- b) Faculty WB ACTA Annual conference & TEE Workshop held in Kolkata, April, 2014
- c) Invited Speaker in ISACON 2013 held in DEC 2013 at Guwahati on "Perioperative Arrhythmias.
- d) Invited speaker NEZACON 2014 held in Agartala Tripura OCT 2014 on Non cardiac surgery in cardiac patients
- e) TEE Workshop- Organizing chairperson of WB ACTA 2014 and lectured on physics of Echocardiography.
- f) Immediate Past President West Bengal Association of Cardiothoracic and Vascular Anesthesiologists.
- g) Course Coordinator of CTVAC 2013 & 2014

Dr. Chaitali Sen (Dasgupta)

- a) Promoted as Professor Cardiac Anesthesiology from the Post of Associate Professor
- b) Guide or co guide of 6 (six) DM (Cardiac Anesthesiology) students and 4 (four) MD (Anaesthesiology) students
- c) Scientific Secretary of ISA (Indian Society of Anesthesiologists) West Bengal Branch. as well as West Bengal Association of Cardiothoracic and Vascular Anaesthesiologists.
- d) Course Coordinator of CTVAC 2013 & 2014.
- e) Invited Faculty for
 - WB ACTA Annual conference & TEE Workshop held in Kolkata, April, 2014
 - ISA WB Annual Conference held in NBMC, September, 2014
 - Bariatric Anaesthesia Conference held in February 2014
 - Annual Pain Conference organised by ISSP in RGKMC in 6th December, 2014
 - IACTA (National) Conference in Mumbai in February 2014
 - ISA(National) Conference in December 2014 in Guwahati
 - CTVAC 2014

Dr. Kakali Ghosh

- a) Passed DM Cardiac Anesthesiology under WBUHS in August 2014.
- b) Rejoined as Assistant Professor in Department of Cardiac Anesthesiology.
- c) Passed FIACTA conducted by IACTA in August 2014.
- d) Course Organiser of CTVAC 2014.

Dr. Sandeep Kumar Kar

- a) Promoted as Assistant Professor Cardiac Anesthesiology from the Post of Rmo-cum-Clinical Tutor.

- b) Elected as Executive Committee Member West Bengal Association of Cardiothoracic and Vascular Anaesthesiologists in May 2014.
- c) Course Organiser of CTVC 2014

Other information

1. **Dr. Shalini Chaudhury**, won the **Sarojini Devi Best Paper Award** conducted by ISA WB held in NBMC in September 2014. Her Guide was **Prof A. Goswami**.
2. **Dr. Onzima Subba presented paper in Sarojini Devi Award** conducted by ISA WB held in NBMC in September 2014. Her Guide was **Prof A. Goswami**.
3. **Dr. Kakali Ghosh and Dr. Monalisa Datta** completed their observership successfully in **Narayana Hrudalaya in Bangalore** in 2014.
4. **Dr. Monalisa Datta** was awarded **Travelling Fellowship by IACTA (National)**.
5. **Dr. J Parida and Dr. Somnath Dey** presented paper in **IACTA (National)** in Mumbai.
6. **Dr. Kakali Ghosh, Dr. Anusua Banerjee and Dr. Deepanwita Das** attended **TEE Workshop in Bangalore** in September 2014 .
7. **Dr. Chaitali Sen and Dr. Soumi Das** attended **ECMO workshop in Kolkata** organised by **ECMO Society of India**.

Service information

Number of procedures done by this department in different operating rooms

Number of cases Cardiac	457
Number of cases Non-cardiac	378
Number of Cath lab cases	91
Total	926

- The department runs PAC Clinic 3 days in a week.
 - Monday& Wednesday: 2PM to 4PM , Friday: 12 Noon to 4 PM
- Supports Cath Lab procedures on every Friday and as & when required.
- Takes care of patients in CTVS Recovery.
- The department 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
Prof. Sibananda Dutta	MD, DM	Professor & HOD and Director ICVS
Prof. Sankar Chandra Mandal	MD, DM	Professor
Prof. D. P. Sinha	MD, DM	Professor
Dr. Biswakes Majumdar	MD, DM	Professor (working on detailment as P.I. and R.A – 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. B. 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

2012 – 2015	2013 – 2016	2014 – 2017
Dr. Suraj Singh Dr. Md. Irsad Alam Dr. Nadeem Afroz Muslim Dr. Priyam Mukherjee Dr. Nabarun Roy Dr. Tanmoy Majhi Dr. Pradip Saha Dr. Chanchal Kumar Kundu Dr. Uttam Kumar Sarkar Dr. Subhra Aditya Dr. Sailesh Patil	Dr. Sreedharan R Dr. Manish Vinayak Dr. Vishal Batra Dr. Sonali Sarkar Dr. Sumanto Mukhopadhyay Dr. Soumik Chaudhuri Dr. Manjunath D Dr. Satrajit Samanta Dr. Pankaj Sarkar Dr. Rahul Arora Dr. Kausik Bandyopadhyay	Dr. Priyanka Mandal Dr. Amit Kumar Jha Dr. Prashant Kumar Dr. Anurag Passi Dr. Somnath Mukherjee Dr. Kaushik Paul Dr. A. Bandyopadhyay Dr. Tusharkanti Patra Dr. Gouranga Sarkar

Transfers and postings

- Prof. Sibananda Dutta reappointed as Director & HOD of Cardiology from 27.02.2014.
- Dr. Achyut Sarkar, Associate Professor is also looking after the Pediatric Cardiology Unit.
- Dr. Manojit Lodha have been transferred to North Bengal Medical College.
- Dr. Saroj Mandal joined IPGME&R and SSKM Hospital cardiology department on 22.08.2014.

Faculty news

Prof. Sibananda Dutta

- Has been elected as president of CSI, WEST Bengal Branch.

Prof. Sankar Chandra Mandal

- Organizing Secretary of CSI, WEST Bengal chapter for 2014.
- Delivered lecture in CSI (All India) 2014, Hyderabad.
- Attended EURO PCR 2014 at Paris as Faculty.
- Attended TCT 2014 as Faculty in Washington DC.
- Awarded fellowship in European Society of Cardiology.

Prof. D. P. Sinha

- Attended EURO PCR 2014 at Paris as faculty.
- Attended CSI (All India) 2014, Hyderabad as faculty.

Dr. Saroj Mandal

- Elected as a fellow of Society for Coronary Angiography & Intervention-FSCAI(USA) 2014
- Has been invited as an Faculty and presented a speech DEVICE BASED APPROACH FOR HEART FAILURE at Bangla Interventional Therapeutics International Interventional Cardiology Meeting- 7-9 Feb 2014 international Conference at Shantiniketan WB, India.
- Has been invited as an Faculty at National Intervention Council 23-25 May 2014 Kochi India and presented a speech HOW DO I TACKLE STENT THROMBOSIS/ISR-DUAL STRATEGY OF TENECTEPLASE & STENTING
- Has been invited as an Faculty EIICON and chaired 2 sessions in CSI WB Conference at GRAND WB OCT 2014 and presented a speech on Left Atrial Appendage Closure Devices
- Clinical attachment in the Department of Cardiology National Heart Institute, Malaysia from 07th November 2014 to 21st November 2014
- Complicated perforation in a case of CTO. TCT at Washington DC, USA as co-author 2014
- Bilateral Pulmonary Arteriovenous Fistula managed with Vascular coils and Plugs a 3 years of follow-up TCT at Washington DC, USA as co-author 2014

Dr. B. Majhi

- Attended CAD conference 2014, Mumbai.
- Attended Cardiovascular Imaging conference 2014.
- Delivered lecture on Bivaluridin Current Status at CSI, WEST Bengal chapter 2014.

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. Comparison of clinical & angiographic profile in patients presenting with UA/NSTEMI with & without diabetes. - Dr. Tanmoy Majhi. Prof. S. Dutta
4. Study of prevalence, clinical features & risk factors in patients with coronary slow flow. - Dr. Shailesh Patil, Dr. A. Sarkar
5. Study of quantitative assessment of ischemic viable myocardium in post ACS patients with SPECT & its correlation with short term prognosis –Dr. Suraj Singh. Prof. D. P. Sinha.
6. Evaluation of prognostic utility of ST segment resolution following primary PCI-Dr. Irshad Alam, Prof. D. Mukherjee.
7. Effect of post conditioning in primary PCI- Dr. Priyam Mukherjee, Prof. S. Dutta
8. Clinico- angiographic profile of ST segment MI & its short term effect on 30 day mortality & correlation with TIMI risk score –Dr. Nadeem, Prof. S. C. Mandal
9. Diastolic dysfunction in Diabetes mellitus- Dr. Uttam Sarkar, Prof. S. C. Mandal
10. Non Invasive Vs Invasive measurement as pre operative investigation TOF-Dr Chanchal Kundu, Dr. A. Sarkar
11. Prognostic significance of fragment QRS in ACS patients-Dr . Subhra Aditya, Prof. D. P. Sinha
12. LA volume & its correlation with clinic- angiographic profile in patients of acute AMI –Dr. Nabarun. Dr. S. S. Islam
13. 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
14. Evaluation of prognostic utility of ST segment resolution following primary PCI –Dr. Vishal Bhtra. Prof. S. C. Mandal
15. To evaluate the left & right ventricular systolic & diastolic function in children before & after patent ductus arteriosus closure by 2 dimensional Echocardiography & Hemodynamic data obtained in the cathetrization laboratory- Dr. Rahul Arora. Dr. A. Sarkar
16. 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
17. To study the effect of remote ischemic post conditioning of lowerlimb during primary percutaneous coronary intervention in reducing the enzymatic infarct size in acute myocardial infarction- Dr. Shreedhar. Prof. S. Dutta

18. A comparative study of Echocardiography evaluation of LV mass & function in normotensive diabetic patient in SSKM Hospital- Dr. Pankaj. Dr. S. S. Islam
19. Clinico angiographic correlation in patients of non ST elevation MI (NSTEMI) with follow up- Dr. D. Manjunath. Prof. S. C. Mandal, Dr. B. Majhi
20. Assessment of prognostic factors & Natural history of primary pulmonary hypertension in Eastern India-Dr. Manish Vinayak. Prof. D. P. Sinha
21. Study to Assess efficacy of ankle brachial index as a risk factor in suspected coronary artery disease- Dr. Soumik chowdhary . Prof. S. Dutta
22. Electrocardiographic differences between ischemic & non ischemic left ventricular dysfunction-Dr. Sumanto Mukherjee. Prof. D. P. Sinha
23. 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

Publications

- Proteus Syndrome: A rare cause of gigantic limb Indian Dermatology online J 2014 April 5(2) 193-5 Dr.B.Majhi
- Apical hypertrophic cardiomyopathy & myocardial infarction in a young adult a rare combination : Dr.Goutam Dutta, Dr.D.Mukherjee, Dr.B.Majhi et al Journal of medicine 14: 74-76, 2013 Dec.
- Management of pulmonary artery hypertension: success and failure. Dr Saroj Mandal, Dr P Mukherjee, Dr M Panja : CSI update 2014.

Awards

- Dr. Priyam Mukherjee was the zonal topper in the 'Torrent Young Scholar Award' in Cardiology, 2013 and was among the top five post-doctoral trainees in the national finals
- Dr. Shailesh Patil was first winner in the 'competitive CD session' at the East Zonal ECHO Conference, Kolkata, June, 2014.
- Dr. Shailesh Patil, Dr. Chanchal Kundu and Dr. Rahul Arora were first in quiz competition at CSI , West Bengal chapter 2014.

Regular academic activities

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

Service information

Indoor

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

- Total Admission - 13958
- Death - 586

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 74802
- TMT 1248
- Echocardiography 13224

Cathlab and OT procedures

- Temporary pacing 1620
- Permanent pacing 1310
- Coronary angioplasty ± stenting 1464
- Peripheral angioplasty ±stenting 67
- Coronary Angiography 3198
- EP study with RF Ablation 21
- Balloon Mitral Valvuloplasty 182
- Balloon Pulmonary Valvuloplasty 10
- Other interventions AICD 8
- CRTD 6
- P D A 24
- Cardiac Catheterisation 73
- ASD closure 3
- VSD closure 2
- Other procedures like renal artery stenting, IVC Cavoplasty, Septal ablation in HOCM etc. 8

Other information

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

Eleven D.M (PDT) –have passed the D.M (Cardiology) Exam. Dr. Mayank Jain, Dr. Jayanta Ghosh, Dr. Nirmalya Chakraborty, Dr. Prithiraj Bhattacharya, Dr. Imran Ahmed, Dr. Arindam Pandey, Dr. Arindam Maitra, Dr. Santanu Das, Dr. Chandan Mishra, Dr. Malay Acharya and Dr. Saubhik Kanjilal

Nine Doctors as DM Trainee have joined this year.

Proposed developmental project

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

Institute of Cardiovascular Sciences Cardiothoracic and Vascular Surgery

Staff

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. Uttam Mukherjee MS, MCh FIACS	Assistant Professor
7. Dr. Subhendu Mahapatra DTCD, MS, MCh	Assistant Professor

W.B.H.S. Officer

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

Postdoctoral (MCh) trainees

3rd Year (2012-2015)	2nd Year (2013-2016)	1s Year (2014-2017)
<ul style="list-style-type: none"> • Dr. Amanul Haque • Dr. Swarnendu Dutta • Dr. Rashid Zeya Ayubi • Dr. Soumyajit Ghosh • Dr. Subhash Minda • Dr. Prasanta Das 	<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

Transfers and postings

- Dr. Prokash Sanki, Associate Professor is transferred to R.G. Kar Medical College but he has been detailed in the same post in I.P.G.M.E.&R. C.T.V.S. Department. He is involved in the vascular surgery portion of the kidney transplant unit along with the scheduled work.
- Dr. Javid Vaquar Sadique is also involved in kidney transplant unit of Urology dept. of this institute.
- Dr. Zahid Hosain has been transferred as Assistant Professor in Calcutta Medical College

Faculty news

Prof. Subhankar Bhattacharya

- Examiner: Convenor MCh (C.T.V.S.) Final Examination West Bengal University of Health Sciences, External Examiner PGI Chandigarh
- 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

Prof. Goutam Sengupta

- Examiner and Teacher, DPFT
- D Examiner for M.Ch at Medical College Kolkata.
- Conducts a course for the use of biomedical instruments 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. 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.

Academic activities

Saturday is our teaching programme day. Different topics of the subject are distributed over a period of 2 months to cover the M.Ch. Syllabus as far as possible. On this day we also arrange for different seminars. Before final exam we arrange for a mock test. Department organised a wet lab cum work shop on valve replacement on bovine heart. This helped a lot to the M.Ch. students.

Wet lab organized for valve implantation & CME in 2014.

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

Publications

1. Role of Renal Biomarkers as predictor of Acute Kidney injury in Cardiac surgery .Asian cardiovascular and thoracic Annals. Feb 2014, Vol. 22 ,No. 2 , page 234-236
2. Holt-Oram Syndrome in adult presenting with heart failure: a rare presentation. Case Report in Cardiology journal, March 2014, Volume 2014, Article ID 130617.
3. Penetrating diaphragmatic injury: case series. Journal of case Reports and Study:-2014, Vol. 2 Issue 2

Service information

The department has 3 running OTs of which 2 are open heart and other major cardiothoracic & vascular surgery cases requiring cardiopulmonary bypass. The 3rd O.T. is utilized for other major vascular, thoracic and closed cardiac cases. 2 open heart surgery & CABG are performed on Monday & Friday. On Tuesday 3 open heart & CABG cases are done. So we are now doing total 11 cases of open heart & CABG from Monday to Friday.

Cardiothoracic & Vascular Surgery Procedures in 2014

CABG	Valve Surgery	Congenitals	Vascular	Emergency	Closed cardiac/non cardiac	AVF and OPD
183	216	182	176	276	43	580
Thoracic	208					

Total 581 + 1283 = 1864

Percentage increased 19.6%.

Number of patients operated below 12 years of age 148

Number of patients operated in Shishusathi scheme 98

Unit distribution

Unit 1	Unit 2	Unit3A	Unit3B
Prof. Subhankar Bhattacharya	Prof. Goutam Sengupta	Dr. Santanu Dutta	Dr. Ansuman Mondal
Dr. Prakash Sanki		Dr. Subhendu Mahapatra	Dr. Uttam Mukherjee
Dr. Javid Vaquar Sadique			

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

- | | |
|-------------|---|
| • Monday | Prof. Goutam Sengupta |
| • Tuesday | Dr. Santanu Dutta, Associate Professor |
| • Wednesday | Dr. Prakash Sanki, Associate Professor |
| • Thursday | Dr. Ansuman Mondal, Associate Professor |
| • o | Dr. Uttam Mukherjee, Assistant Professor |
| • Friday | Prof. S. Bhattacharya |
| • Saturday | Dr. Subhendu Mahapatra Assistant Professor- 1ST & 3RD |

- Dr. Javid Vaquar Sadique Associate Professor- 2ND & 4TH . 5TH on rotation.
- Sunday- Sunday
 - 1st - Prof. S. Bhattacharya
 - 2nd-Prof. G. Sengupta
 - 3rd-Dr. S. Dutta
 - 4th -Dr. A. Mondal /Dr. U. Mukherjee
 - 5th-Dr. P. Sanki

Operation days

We have 3 operation theatres . We operate 5 days in a week do maximum number of cardiothoracic and vascular emergencies amongst the Government hospitals.

We regularly do the A.V. fistulas, required for doing dialysis. We send our surgeons in Nephrology OT to minimize the waiting list of A.V.F.(Nephrology OT has been opened last year.)

Other information

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

- We have increased the cases by 19.6% 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.
- We are about to start the 4th OT as soon as possible particularly for sishu sathi scheme
We are successfully doing beating heart CABG with one arterial and rest venous grafts.
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
- It is our great honor that this Dept.is the only cardiac surgery Dept. amongst the government institution in West Bengal which has been selected for "SISHU SAATHI SCHEME" and we successfully carrying out this scheme and hope to increase the numbers after starting 4th cardiac OT.
- We are proud of mechanized cleaninig 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, Gr D staff and sweepers from ERS scheme.

Unfortunate matter

MCh students are main pivot in increasing our OT programme but out of six posts we are having only 2 post filled up for last 2 years. So alternate way to fill the vacuum has become necessary. Otherwise society will be victimized from our service in which a patient can be benefited with very low cost.

General Medicine

Staff

Faculty

Name	Degree	Designation
Nirmalendu Sarkar	MD	Professor & Head
Alakendu Ghosh	DNB, FIACM (India)	Professor
Pradip Kumar Datta	MD	Professor
Mridul Kanti Das	MD	Professor
Soumitra Ghosh	MD, DTCD, FICP	Professor
Niladri Sarkar	MD	Professor
Dipanjan Bandyopadhyay	MD	Professor & MSVP
Asutosh Ghosh	MD, DM (Pulm & C.C. Med), DTM&H & Dip Card	Professor and In-Charge CCU
Avas Chandra Ray	DTCD, MD	Associate Professor
Ananata Kumar Dutta	MD	Associate Professor
Srabani Ghosh	MD	Associate Professor
Manjari Saha	MD	Associate Professor
Souvik Kanjilal	MD, DM (Cardiology)	Assistant Professor
Anupam Mondal	MD	Assistant Professor
Sattik Siddhanta	MD	Assistant Professor
Pranab Kumar Maity	MD	Assistant Professor
Subrata Halder	MD	Assistant Professor
Sudipta Saha	MD	RMO cum Cl. Tutor
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 (2012-2015)	2nd Year (2013-2016)	1s Year (2014-2017)
Dr. Kausik Bhar Dr. Shah Alam Sharwar Dr. Joydip Datta Dr. Manoj Kumar Roy Dr. Subrata Chakrabarti Dr. Soumik Sarkar Dr. Abhijit Das Dr. Abdullah Md Hasan Dr. Mrinal Kr Acharya Dr. Arun Kr Agarwalla Dr. Priyanka Biswas Dr. Koushik Roy Dr. Kalyanasish Ghosh	Dr. Durjoy Lahiri Dr. Abhirup Bhunia Dr. Arnab Banerjee Dr. Ayan Roy Dr. Ramita Sarkar Dr. Shasanka Sekhar Das Dr. Shingarlung Kamei Dr. Sayan Ghosh Dr. Arabinda Patra Dr. Rajeev Ranjan Dr. Kity Sarkar Dr. Rakesh Agarwal Dr. Amrita Biswas	Dr. Debdeep Mondal Dr. Adrija Hajra Dr. Anindya Sengupta Dr. Abhishek Chowdhury Dr. Arpan Dutta Dr. Soumya Ghosh Dr. Abhishek Mukherjee Dr. Snehasis Das Dr. Subhasis Majhi Dr. Anindya Mondal Dr. C. Zarzosangi Dr. Pratyush Biswas Dr. Biswajit Ghosh

Transfers and postings

Officers transferred out

Name	Designation	Transferred to	Date of release
Dr. Supratik Chakraborty	Assistant Professor	Murshidabad Medical College	14.02.2014
Dr. Jyotirmoy Pal	Associate Professor	Sagar Dutta Hospital	21.05.2014
Dr. Biswarup Sarkar	Assistant Professor	RG Kar Medical College	16.06.2014
Dr. Gouranga Sarkar	Assistant Professor	PDC at IPGME&R	28.08.2014
Dr. Jayanta Kr Routh	Medical Officer	MD at Burdwan Medical College	29.08.2014
Dr. Subrata Basu	Assistant Professor	RG Kar Medical College	10.11.2014 (on detailment)
Dr. Jotideb Mukhopadhyay	Professor	Murshidabad Medical College	15.11.2014
Dr. Sujoy Panchadhayayee	RMO cum CI Tutor	Burdwan Medical College	10.12.2014

Officers transferred out

Name	Designation	Transferred from	Date of joining
Dr. Niladri Sarkar	Professor	Burdwan Medical College	11.02.2014
Dr. Ananata Kr Dutta	Associate Professor	NRS Medical College	10.03.2014 (on detailement)
Dr. Sudipta Saha	RMO cum CI. Tutor	New Appointment	12.03.2014
Dr. Srabani Ghosh	Associate Professor	Midnapore Medical College	22.05.2014
Dr. Nirmalendu Sarkar	Professor	Calcutta National Medical College	12.08.2014
Dr. Souvik Kanjilal	Assistant Professor	TR at IPGME&R	19.08.2014
Dr. Subrata Basu	Assistant Professor	TR at RG Kar Medical College	21.08.2014
Dr. Manjari Saha	Associate Professor	Medical College, Kolkata	11.12.2014

Faculty news

Prof. Niladri Sarkar

- National Publications 4
- APICON – 2014 at Ludhina as a Delegate.

Prof. Asutosh Ghosh

- All India Conference of Pulmonary Medicine – NAPCON – 2014
- APICON – 2014 at Ludhina as a Delegate.
- Speaker/chair/Co-chair at International/national/State level professional Bodies' meeting:
- Chairperson – PULMOCON 2014
- University Examiner/Moderator/Question setter
 - Diploma in Critical Care Technology
 - Course coordinator – Training of Medical Officers in Critical Care Medicine

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)

No. of sessions held

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

Thesis submitted in 2014

1. A Study on the ECG Findings in Acute Stroke with Special Reference to QT Dispersion, QT Duration and ST-T Changes and its Relation with the Type of Stroke, Hemispheric Localization and Size with Short Term Prognosis – **Dr. Abdullah Md. Hasan.** Guide : Prof. P.K. Datta
2. Spectrum of Clinical Presentations of Male Systemic Lupus Erythematosus Patients with Special Reference to Disease Activity and Monitoring of Organ Involvement in Our Institute. – **Dr Kausik Bhar.** Guide : Prof. Alakendu Ghosh
3. Study of Thyroid Hormone Abnormalities in Patients of Dialysis Independent Chronic Renal Disease – **Dr. Subrata Chakraborti.** Guide : Dr. Tanima Das Bhattacharya, Co-Guide : Dr Arpita Roy Chowdhury,
4. Spectrum of Clinical Presentation of Female Ankylosing Spondylitis Patients and its Comparison with Male Counterparts in Our Institute. – **Dr. Soumik Sarkar.** Guide : Prof. Alakendu Ghosh
5. Study of Epicardial Fat Thickness in Obese Adults with Non Alcoholic Fatty Liver. – **Dr. Arun Kumar Agarwalla.** Guide : Prof. Soumitra Ghosh, Co-Guide : Prof. Dipankar Mukherjee, Dr. Avik Bhattacharya
6. Changes in Anthropometry, Hepatic Fat and Biochemical Parameters in Obese Individuals after Lifestyle intervention Therapy. – **Dr. Joydip Datta.** Guide : Prof. Soumitra Ghosh Co-Guide : Prof. Asutosh Ghosh, Dr. Avik Bhattacharyee
7. A Study on Cardiovascular Risk Factors in Prehypertensive Patients in A Tertiary Care Institute. – **Dr. Shahalam Sharwar** Guide : Prof. M.K. Das Co-Guide : Dr. Anindaya Banerjee
8. A Study to Determine the Prevalence of Hearing Disturbances in Patients of Diabetes Mellitus in a Tertiary Care Institute. – **Dr. Abhijit Das.** Guide : Prof. M. K. Das
9. Study of Relation of Serum Magnesium Level with Glycemic Control in Diabetes Mellitus. – **Dr. Koushik Roy.** Guide : Prof. Jotideb Mukhopadhyay, Co-guide : Dr. Avas Chandra Roy
10. Correlation between Ankle-Brachial Index and Renal Function in Patients with Diabetes. – **Dr. Manoj Kumar Roy.** Guide : Prof. Jotideb Mukhopadhyay, Co-guide : Prof. Satinath Mukhopadhyay, Dr. Avas Chandra Roy
11. A Prospective Study on Peripheral Intravenous Catheter Related Phlebitis and its Risk Factors. – **Dr. Mrinal Kumar Acharya.** Guide : Prof. P.K. Dutta

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, & Dr. Pranab Kumar Maity
Tuesday	II	Prof. S. Ghosh, Prof. Asutosh Ghosh & Dr. Ananta Kr Dutta
Wednesday	III	Prof. M.K. Das, Dr A. C. Ray & Dr. Souvik Kanjilal
Thursday	IV	Prof. P.K. Dutta , Dr.Niladri Sarkar
Friday	V	Prof. Alakendu Ghosh, Dr. Srabani Ghoshl & Dr. Sattik Siddhanta
Saturday	VI	Prof. Dipanjan Bandyopadhyay & Dr Subrata Halder
Sunday		By rotation as per roster

Special clinics

Name of Clinic : **Geriatric Clinic**
 V.P. in-Charge : Prof. Nirmalendu Sarkar & Dr. Sattik Siddhanta
 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 : MOPD Room 12A, Emergency Building, Ground Floor

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 : MOPD Room 12A, Emergency Building, Ground Floor

Microbiology

Faculty

Name of officer	Degrees	Post/Designation
Dr. Prasanta Kr. Maiti	M.D., DGO, DCP	Professor & Head
Dr. Manash Sarkar	MD, DTM & H	Professor (joined on 08.09.14)
Dr. Raja Ray	MD, Ph D, DTM&H.	Professor
Dr. Kalidas Rit	M.D	Associate Professor (Elevation on 10,12,2014)
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)

Officers transferred out

Name	Designation	Transferred to	On
Dr. Partha Sarathi Chakrabarty	Demonstrator (from 20.03.14)	Sagar Dutta Medical College	10.12.14.
Dr. Saswati Chattopadhyay	Demonstrator (from 20.03.14)	Burdwan Medical College	10.12.14.

Post- graduate trainees

Name	Course	Session
Dr. Indrani Bhattacharjee (Expired)	M.D. (Microbiology)	2012-2015
Dr. Mousumi Mondol	M.D. (Microbiology)	2012-2015
Dr. Rita Tudu	M.D. (Microbiology)	2012-2015
Dr. Asmita De	M.D. (Microbiology)	2013-2016
Dr. Lalbiaktluangi	M.D. (Microbiology)	2013-2016
Dr. Raja Ray	M.D. (Microbiology)	2013-2016
Dr. Prabir Kr Ghosh	M.D. (Microbiology)	2013-2016
Dr. Arjun Dutta	M.D. (Microbiology)	2014-2017
Dr. Tamas Das	M.D. (Microbiology)	2014-2017
Dr. Munmun Sarkar	M.D. (Microbiology)	2014-2017
Dr. Anjan Kr. Das	M.D. (Microbiology)	2014-2017

Faculty news

Prof. P.K. Maiti acted as examiner & paper setter for MBBS, MD (Microbiology) examinations of WBUHS. He acted as reviewer of articles for IJMM & JIMA, member B.O.S., WBUHS. He was adjudicator for MD theses from WUHS and Guwahati University. He chaired session VI on "Microbes in Human Health" in International Symposium on Role of Fungi and Microbes in the 21st. Century- a Global Scenario organized by Indian Mycological Society at Science City, Kolkata on 20-22 Feb. 2014. He was faculty of International Conference of Fungal Infections Study Forum (FISF), Mycocon 2014, held in Science city, Kolkata, on Nov 14-16, where he acted as speaker, panelist and chair-person. He acted as MCI Inspector for PG in Bareilly, UP.

Prof. Raja Ray acted as paper setter for MD (Microbiology), MBBS, DMLT, Bsc. Nursing. He acted as examiner for MBBS, MD & DMLT. Dr. Ray acted as MCI Inspector for PG (MD Microbiology) at Agartala Govt. Medical College, Agartala on 29/1/2014 and also at K.B.N Medical College, Gulbarga, Karnataka on 19/11/2014 and also served as MCI Inspector for UG in Mysore Medical College, Mysore on 25th and 26th March, 2014. He attended National Training Workshop on WHO-LATS at NCCD, New Delhi and was trained by experts from CDC, Atlanta and IQLS, France. He is currently serving as Nodal Microbiologist of the IDSP Programme at IPGIMER and performed duty of Assessors under

IDSP at Maharashtra & Orissa. He participated as delegate and Observer in the Medical Quiz for Young Microbiologists at the 9th State Chapter Conference of IAMM held on 7/12/2014. He presented a module on 'Standard precautions and PPE' and also on "Biomedical Waste Disposal" at the CME organized by NACO at IPGMER, Kolkata meant for basic science faculty. Prf. Raja Ray acted as External Examiner at the MBBS (UG) Exam held at RIMS, Imphal on 21-24th January, 2014. He served as External examiner at the DMLT Microbiology final exam held at SGCI and RC, Thakurpukur held in August, 2014

Prof. Manash Sarkar acted as paper setter for MD(Microbiology), MBBS & DMLT examination, W.B.; Moderator for MBBS, DMLT Examination and adjudicator for MD thesis of different universities. He was paper setter & Moderator of MD Exam. of Tripura University & MD Examiner in Bairely Nalanda Med college Nalanda and SCB Med College Cuttack. Prof. Sarkar acted as examiner for MBBS at ANMMC, Gaya, Theory paper examiner in Microbiology for 2nd Prof MBBS Exam of Ranchi University & Microbiology Exam of Dental College, Jamshedpur. He acted as MCI Inspector for PG Microbiology at Karuna Medical College in Karnataka and RIMS Srikakulam. He is Secretary, BOS, Microbiology of WBUHS; Co-ordinator of WB State Faculty. He was MD thesis guide in Microbiology and other subject in CNMC. He is in-charge, SEM of IPGMER, Acting as SST member, HSS-2015. He conducted outbreak investigation on ARTI in Coochbihar. He presented a module in ART sensitization programme organized by NACO at IPGMER, Kolkata meant for basic science faculty. He participated as delegate and Judge in the Poster Presentation at the 9th State Chapter Conference of IAMM held on 7/12/2014.

Dr Kalidas Rit, Associate Professor, acted as the scrutinizer of MBBS (Microbiology) exam, 2014: examiner of DMLT Final exam, 2014, and act as a paper setter of B.P.T examination.

Dr Hirak Jyoti Raj, Assistant Professor, acted as the scrutinizer of MD (Microbiology) exam, 2014; examiner of DMLT Part-I exam, 2014. He is the member of core committee, ART Centre, SSKM&H. He arranged a departmental CME on HIV & AIDS in November, 2014. He attended the state conference of Microbiology at NRSMCH this year. Dr.Raj attended a workshop on ocular microbiology at Sankar Netralaya, Kolkata.

Conference & workshop attended

Dr. PK Maiti and four PGTs & two research scholars attended 38th. National Conference of IAMM (Microcon2014) at Jaipur. Dr. PK Maiti, Dr. Nupur Pal, Dr. Saswati Chattopadhyay, Dr. P S Chakrabarty and two PGTs, Dr. Prabir Ghosh, Dr. Raja Ray attended Mycocon 2014 at Science City, Kolkata.

Awards & achievements

Our department has been chosen to be included as one of the Regional Centers for ICMR's Antimicrobial Resistance Surveillance Network & Viral Laboratory Diagnostic Center (ICMR). A Scanning Electron Microscope has been installed in Central Research Laboratory, under supervision of Microbiology. In New Academic Building 2nd. floor, sufficient space has been allotted to Microbiology Department for shifting departmental library, museum and demonstration rooms.

Dr.Bipasa Chakrabarty received best prize for paper presentation in 58th Foundation Day Ceremony of IPGMER, held on 16.01.2014. Thus Microbiology has become the first department to achieve this award for consecutive three years.

Dr. Asmita Dey & Lalbiaktluangi received prize for winner team and Dr. Prabir Kr. Ghosh received prize for runners-up team in Medical Quiz for Young Microbiologists at the 9th State Chapter Conference of IAMM held at NRS Medical College on 7th. Dec. 2014

CNS infection in an infant with VP-shunt for hydrocephalous was successfully managed after anaerobic bacteria isolation and sensitivity testing applying Maiti's innovative technique for anaerobic culture at bed-side. This has opened up wide scope for variety of anaerobe investigations.

Publications

- 1) Chatterjee S, Maiti PK, Dey R, Kundu AK, Dey RK. Biofilms on indwelling urologic devices: Microbes and antimicrobial management prospect. Annals of Medical and Health Sciences Research, 2014, Vol.4 (1) :100-104

- 2) Maiti PK. Prevention of biofilm formation by alteration of device surface with a preformed sterile biofilm. (The Patent application publication on 14.02.2014. No. 77/KOL/2014A) The Patent Office Journal. India. Pg. 3710
- 3) 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.
- 4) Bipasa Chakraborty, Nishith Kr Pal, Prasanta Kumar Maiti, Sanjit Kumar Patra, Raja Ray. "Action of Newer Disinfectants on Multidrug Resistant Bacteria". Journal of Evolution of Medical and Dental Sciences 2014; Vol. 3, Issue 11, March 17; Page: 2797-2813.
- 5) Partha Sarathi Chakrabarty, Prasanta Kumar Maiti, Rupali Dey, Goutam Barik, Tapajyoti Mukherjee, Surangana Saha, Ansuman Jana, Kalidas Rit (2014) The study of bacterial population in air samples of a tertiary care hospital. J of Evolution of Med and Dent Sciences. Vol. 3/ Issue 25/June 23, 2014 Page 7044
- 6) Kalidas Rit, Bipasa Chakraborty, Rupali Dey, Parthasarathi Chakrabarty, Amrita Naha, Rajdeep Saha. (2014) Prevalence of Pseudomonas aeruginosa and Acinetobacter spp producing metallo- β -lactamase in a tertiary care hospital. Journal of Dr. NTR University of Health Sciences 2013;2(1): 18-21
- 7) Bipasa Chakraborty, Susmita Chatterjee, Prasanta Kumar Maiti, Nishith Kr Pal, Sanjit Kumar Patra, Raja Ray. Efficacy of disinfectants against biofilms formed by nosocomial multidrug resistant bacterial isolates: An in-vitro study. International Journal of Scientific Study 2014;2(7):93-97
- 8) 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".
- 9) Piyali Datta, Rajdeep Saha, Sourabh Mitra, Suranjana Mitra, Manash Sarkar "A study of Metallo β lactamase producing Pseudomonas aeruginosa in blood sample of Burn patients." J of Evolution of Med and Dent Sciences. Vol. 3 Issue 58/Nov 03, 2014 Page 13264-13269

Papers presented in 58th Foundation Day Ceremony of IPGMER & 8th. Reunion 2015:

1. Efficacy of newer generation disinfectants against biofilms formed by nosocomial multidrug resistant clinical bacterial isolates. Bipasa Chakraborty, Susmita Chatterjee, Prasanta Kumar Maiti, Nishith K. Pal, Raja Ray. Abstract C1
2. Life-saving ventilator may harbour death promoting bacteria in biofilm form. Indrani Bhattacharjee, Prof. PK Maiti.. Abstract C3
3. Dealing with aged bacteria : new challenge to microbiologists. Prabir Ghosh, Prof. PK Maiti.. Abstract C2.

Papers presented in session VI on "Microbes in Human Health" in International Symposium on Role of Fungi and Microbes in the 21st. Century- a Global Scenario organized by Indian Mycological Society at Science City, Kolkata on 20-22 Feb. 2014

1. An unusual phaeohyphomycotic soft tissue infection in man caused by Rhizoctonia spp. Dr. Raja Ray, Prof. PK Maiti. Abstract 6.3 Pg 104
2. Dothideomycetes a plant pathogen emerged as a new human pathogen . Dr. Prabir Ghosh, Prof. PK Maiti.. Abstract 6.2 Pg 103
3. A case of mycetoma in the light of biofilm. Sushmita Chatterjee, Prof. PK Maiti. Abstract 6.4 Pg 105 .
4. Two unusual cases of chromomycosis caused by *Cladophialophora carrionii* and *Fonsecaea pedrosoi* respectively. Dr. Asis Manna, Prof. PK Maiti.. Abstract 6.1Pg 103
5. Antibiotic sensitivity pattern study of biofilm forming Staphylococcus aureus. Abira Sahu, Shouvik Dutta, PK Maiti, Soma Banerjee. Abstract 6.9, Pg 109

Papers presented in XXXVII National Conference of IAMM (MICROCON 2014) at Joipur, held on 17-19th. Oct. 2014:

- 1) Prevention of biofilm colonization on preformed biofilm : an in-vitro study. Prasanta Kr. Maiti, Asmita Dey, Susmita Chatterjee, Arjun Dutta.
- 2) Better isolation of *Clostridium difficile* on bi-layered buffer charcoal CCFA media using modified candle jar technique. Jayeeta halder, P.K. Maiti
- 3) Demonstration of aging signs in small colony variant bacteria. Prasanta Kr. Maiti, Raja Ray, Mousumi Mondal, Hirak Jyoti Raj,
- 4) Comparative sensitivity of LAMP and conventional methods to identify Mycobacterium tuberculosis complex from clinical specimens in Kolkata. P.K Ghosh, R.Ray, B.Chakrabarty, K.Rit, P.K.Maiti
- 5) Study of bed-sore microbial flora using conventional aerobic and a novel anaerobic isolation technique at a tertiary level hospital. Lalbiaktluangi, R. Ray, P. K. Maiti, J.Halder, R.Choudhury.
- 6) Antimicrobial sensitivity testing of planktonic and sessile form of *Staphylococcus aureus* from clinical isolates. Soma Banerjee, Prasanta Kumar Maiti, Abira Sahu, Shouvik Dutta, Rimashri Baishya, Titas Chakraborty

Papers presented in 9th State Chapter Conference of IAMM held at NRS Medical College on 7th. Dec. 2014

- 1) Jayeeta Halder, Mousumi Mondal, Asish Manna, Hirak Jyoti Raj, P. K. Maiti. Application of "Dot-front" scoring system for determination of difference of colony sizes in different improvised tests conditions. pg 5
- 2) Prasanta Kumar Maiti, Raja Roy, Rita Tudu . Illusive in-vitro growth of *Lepra* bacilli: yet another attempt. pg7
- 3) Prasanta Kr. Maiti, Asmita De, Susmita Chatterjee, Arjun Dutta. A novel biofilm intervention strategy in medical devices by preformed biocoat : an in-vitro study. pg 7
- 4) Prabir Ghosh, Raja Ray, Bipasa Chakraborty, Kalidas Rit, Prasanta Kumar Maiti. Comparative specification of LAMP and conventional methods to identify *Mycobacterium tuberculosis* complex from clinical specimens in Kolkata. pg 6
- 5) Lalbiaktluangi, Raja Ray, Prasanta Kumar Maiti, Jayeeta Halder. Study of microbial flora in bed sores with special emphasis on anaerobes at a tertiary level hospital. pg 14

MD Thesis submitted in 2014

1. Growth Characteristics of Small Colony Variants in Solid and Liquid Medium. Dr. Mousumi Mondal. Guide: Dr. PK Maiti & Dr. Kalidas Rit.
2. Demonstration of *lepra* bacilli in clinical materials of human leprosy cases with special references to cultural prospect. Dr. Rita Tudu. Guide: Dr. Raja Ray, Dr. PK Maiti.
3. Ventilator associated pneumonia: source of causative organisms with probable association biofilms in ventilators. Dr. Indrani Bhattacharjee. Guide: Dr. PK Maiti & Dr. Rupali Dey (Complete thesis was not submitted before death of Indrani)

Ongoing Research Works for MD Thesis

1. Association of biofilm colonization in chronic treatment refractory infections presenting with discharging sinuses. Dr. Asmita De. Guide: Dr. P K Maiti & Dr. H.J. Raj
2. 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 & Dr. PK Maiti.
3. 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.
4. Study of the synergistic action of nano-silver with ciprofloxacin, amikacin & piperacillin on various bacterial strains. Dr. Raja Ray. Guide: Dr. P K Maiti.
5. 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.
6. 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
7. 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.
8. A microbiological study of recurrent urinary tract infections with special references to biofilm colonization. Dr. Anjankumar Das. Guide: Dr. Manash Sarkar.

Ph.D Thesis Work

- 1) Form conversion of *Malassezia*: a clinico-mycological study. By Dr. Asis Manna. Guide: Dr. PK Maiti & Dr. DN Gangopadhyay.
- 2) 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. (Submitted)
- 3) A New anaerobiosis technique using a candle-jar enriched with chemicals for combustion of residual oxygen: validation and its application to determine the incidence of anaerobic infections from different clinical materials. by Jayeeta Halder, Guide: Prof. PK Maiti & Prof. Raja Ray.

Project Work

- 1) DST Project of Mrs. Susmita Chatterjee under Women Scientists Scholarship Scheme for Social Programmes entitled "Detection and intervention of biofilm formation on urinary catheters" . Guide: Prof. PK Maiti & Prof. A Kundu. (Completed)

- 2) 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.

Laboratory Tests in Microbiology Laboratory from 1/1/14– 31/12/14 (Total 80384)

Test	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Bacteriology (Total 18579)													
Urine	957	998	1116	973	844	2056	1164	1081	1141	989	1045	1172	12455
Throat	06	04	02	01	03	01	01	02	00	02	04	2	28
Wound	106	104	126	91	91	106	158	143	176	102	133	136	1472
Blood	107	103	92	79	115	130	138	167	163	104	119	90	1407
Body fluids*	98	60	88	88	80	86	76	98	101	57	90	126	1048
Sputum	101	73	100	85	71	78	92	96	66	74	85	112	1033
Other swabs	09	11	12	06	13	09	12	19	05	--	05	4	105
CSF	10	08	07	09	16	09	12	19	17	13	15	10	145
OT swab	45	60	18	--	20	75	105	118	116	85	81	56	779
Meningitis / JE	04	-	0	0	0	03	06	49	29	16	--		107
Serology (Total 59218)													
RA	79	58	79	72	64	74	61	51	50	44	48	70	750
ASO	104	67	104	54	55	78	69	70	76	87	103	122	989
CRP	193	194	202	197	154	250	207	180	220	212	255	284	2548
Widal	19	15	19	12	30	25	35	36	35	34	22	24	306
VDRL	458	343	480	396	428	488	527	21	344	202	312	330	4329
HBsAg	1783	1519	1743	1647	6692	1771	1896	1862	1845	1475	1709	1706	25648
HCV	1475	1359	1401	1390	5625	1467	1649	1620	1569	1341	1489	1450	21835
HAV	10	05	0	09	03	10	4	5	00	05	06	6	63
HEV	10	03	0	09	05	10	3	5	00	05	06	6	63
ANF	22	27	27	21	08	16	16	21	12	16	06	16	208
Mantoux	99	118	118	84	102	133	92	132	118	75	75	116	1262
Dengue	53	10	25	31	26	41	58	195	295	137	207	140	1218
Chikungunya etc.	00	00	00	00	00	00	00	00	00	00	00	00	00
Miscellaneous (Total 2653)													
Malaria	73	36	65	18	06	--	68	176	226	81	104	66	919
Fungal culture	06	01	10	08	04	04	11	10	10	01	07	46	118
M/E for fungus	18	12	19	18	35	35	30	28	31	19	05	38	288
AFB stain	66	54	62	54	54	61	72	99	86	51	67	98	824
AFB Culture	09	04	08	06	06	06	04	10	09	04	06	12	84
Slit skin	18	37	32	24	38	31	28	33	27	16	19	40	343
LAMP(PCR)	20	10	39	-	-	-	-	-	-	-	08		77

Neonatology

Medical staff

Name	Degree	Designation
Dr. Arun Kumarendu Singh	MD Pediatrics	Professor (On detailment to Sagore Dutta Medial College)
Dr. Suchandra Mukherjee	MD Pediatrics	Professor And Head
Dr. Syamal Kumar Sardar	MD Pediatrics	Professor (On detailment to Malda Medial College)
Dr. Ranajit Mukherjee	MD Pediatrics	Associate Professor
Dr Tapas Som	MD Pediatrics, DM neonatology	Associate Professor
Dr. Dinesh Munian	MD Pediatrics	Assistant Professor
Dr. Ratan Kumar Biswas	MD Pediatrics	Assistant Professor (On Training Leave For DM Neonatology)
Dr Dipankar Roy	DCH, MS, MCh (Pediatric Surgery)	Assistant Professor, Neonatal And Fetal Surgery
Dr. Suman Das	MS, MCh (Pediatric Surgery)	Assistant Professor, Neonatal And Fetal Surgery
Dr. Bappa Mondal	MD Pathology	Assistant Professor
Dr. Pinaki Chatterjee	MD Microbiology	Assistant Professor
Dr. Uttam Kumar Mondal	DCH, MD Pediatrics	RMO Cum Clinical Tutor
Dr. Rajni Priyanka Kujur	MD Pediatrics	RMO Cum Clinical Tutor
Dr. Anindya Kumar Saha	MD Pediatrics	RMO Cum Clinical Tutor (On Training Leave For DM Neonatology)
Dr Jagdish Prasad Sahoo	MD Pediatrics, Fellowship in Neonatology	DM Resident
Dr. Somnath Paul	MD Pediatrics	DM Resident
Dr. Rameswar Prasad	MD Pediatrics	DM Resident
Dr, Sudipta Dasgupta	DCH	Medical Officer
Dr. Amit Banerjee	DCH	Medical Officer
Dr. Manasi Purkait	DCH	Medical Officer
Dr. Manali Tiwari	MD Pediatrics	Senior Resident

Important achievements of the year 2014

- Expansion of building for Department of Neonatology has been established.
- Probiotics Research Project/Training in collaboration with DBT.

Service information

Neonatal Intensive Care Unit: It comprises of 24 beds with one stabilization beds in 2nd floor of new neonatology building.

Statistics report for 2014 NICU

Year	Total live birth	Inborn admission	Out born admission	Survival rate at NICU
2010	2579	1143	219	93.17%
2011	2938	1107	292	92.9%
2012	3223	883	407	92.0%
2013	3400	876	320	88.4%
2014	3802	903	289	88.7%

Sick New Born Care Unit: 25 beds at 2nd floor and 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 & cardiac surgery, neuro development 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 electrolyte estimation and blood grouping. The unit provides services for ROP screening and laser therapy and hearing screening before discharge.

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.

Neurodevelopment Clinic (November 2013 – October 2014) • Follow up clinic enrollment: 3213

Neonatal OPD: All weekdays at in new Neonatology building

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 last 1 year (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 Hon'ble 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 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.

Teaching & training activity

- **DM neonatology course** 3 year DM Neonatology course permitted by MCI started in 2011 with annual intake of two students.
- **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 .

Upcoming teaching & training activity:

- D.N.B. in Medical Genetics

Research Laboratory**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.

Upcoming research projects:

- Establishment of 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.
-

Nephrology

1. Staff

Faculty

Dr. Rajendra Pandey, Dip.Card, MD, DM
 Dr. Debabrata Sen, MD, DM
 Dr. Arunansu Banerjee
 Dr. Arpita Roychowdhury, MD, DNB, DM
 Dr. Sanjay Dasgupta, MD, DM
 Dr. Dipankar Sarkar, MD, DM
 Dr. Manoj Kr. Das, MBBS
 Dr. Aref Hossain, DCH, MD (Med)
 Dr. Rajib Mandal, MD (Med)
 Dr. Sital De, MBBS
 Dr. Kausambi Chowdhury, MBBS
 Dr. Gouri Sankar Mahapatra, MBBS
 Dr. Amitava Maiti, M.Sc., PhD

Post / Designation

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

Postdoctoral trainees

1. Dr. Harmeet Riyait, 3rd year DMPDT
2. Dr. Nikunj Kishore Rout, 3rd year DMPDT
3. Dr. Rayees Uousuf, 3rd year DMPDT
4. Dr. T. Venkata Ramana Reddy, 3rd year DMPDT
5. Dr. Kanchan Saha, 3rd year DMPDT
6. Dr. Subho Banerjee, 2nd year DMPDT
7. Dr. Sandipan Halder, 2nd year DMPDT
8. Dr. Manong Chohwanglim, 2nd year DMPDT
9. Dr. Malagouda R. Patil, 2nd year DMPDT
10. Dr. Tanima Das Bhattacharya, 2nd year DMPDT
11. Dr. Chetan Mahajan, 2nd year DMPDT
12. Dr. Avinandan Banerjee, 1st year DMPDT
13. Dr. Sandeep Saini, 1st year DMPDT
14. Dr. Divyaveer Smiota Subhash, 1st year DMPDT
15. Dr. Umesh Dubey, 1st year DMPDT
16. Dr. Koushik Bhattacharjee, 1st year DMPDT
17. Dr. Vishnuvardhar B.R., 1st year DMPDT

* Dialysis Technician Student: 1st year 20, 2nd year 19

2. Promotions

Dr. Sanjay Dasgupta has been promoted to Associate Professor in the Department.

3. 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
- ISN Presentation
- Role of Anxiety and Depression in adherence and Quality of Life in Post Renal Transplant patients
- Won 3rd prize in International Society of Nephrology in R&P Program worth \$20,000.

Ongoing research activity

1. A comparative study of cyclophosphamide versus tacrolimus in FRNS and SDNS in children. (Dr. Atul Desai)
2. Tacrolimus and SRNS: A prospective study in a tertiary care center (Dr. P. Malavade).
3. Incidence of hyperglycemia during immediate post operative period of kidney transplantation and new onset diabetes after transplantation (Dr. Mahesh Bennikal).
4. Prevalence and pattern of MBD in CKD stage 3-5 patients (Dr. R. Kekure).
5. Role of metformin in ADPKD: A pilot study (Dr. Amit Pasari).
6. Long term outcome of snake bite envenomation related AKI a clinical and histopathological correlation (Dr. V. Golay).
7. Co-relation of Tacrolimus induced tremors with magnesium levels and the study of outcome of treatment with magnesium supplements (Dr. Mayuri Trivedi).
8. An observational study on ambulatory BP monitoring and cardiovascular and renal outcomes in non-dialysis requiring CKD patients. (Dr. Harmeet Riyait)
9. Efficacy and safety of low dose Anti-Thymocyte Globulin in comparison with IL-2 receptor blocker as induction therapy in renal allograft recipient: a single center prospective, comparative study with historic controls. (Dr. TVR Reddy)
10. A study to evaluate the spectrum of tropical AKI, its clinic-pathological correlation and outcome of patients admitted in Nephrology unit, a single center experience in east India. (Dr. Nikunj Kishore Rout)
11. A randomized open label prospective cross over study comparing the efficacy of lanthanum carbonate with Sevelamer carbonate as a phosphate binder (Dr. Rayees Yousuf)
12. A case control study to evaluate risk factors of non-glomerular chronic kidney disease of unknown etiology. (Dr. Kanchan Saha).

Publications

1. Golay V, Trivedi M, Roychowdhary A, Arora P, Sarkar D, Singh A, Dasgupta S, Pandey R. Ultrasound-guided CAPD Catheter Insertion. *Perit Dial Int.* 2013;33:454-458
2. Golay V, Roychowdhury A. The percutaneous native kidney biopsy: a nephrologist's perspective. *OA Nephrology* 2013;1(1):8.
3. Golay V, Roychowdhary A, Dasgupta S, Pandey R. Hypopituitarism in patients with vasculotoxic snake bite envenomation related acute kidney injury: a prospective study on the prevalence and outcomes of this complication. *Pituitary* 2013 Mar 3. [Epub ahead of print]
4. Golay V, Trivedi M, Abraham A, Roychowdhary A, Pandey R. The spectrum of glomerular diseases in a single center: A clinicopathological correlation. *Indian J Nephrol* 2013;23:168-75
5. Golay V, Desai A, Hossain A, Roychowdhary A, Pandey R. Acute Kidney Injury with Pigment Nephropathy Following Spider Bite: A Rarely Reported Entity in India. *Ren Fail* 2013; 35(4):538-40.
6. Sircar D, Sircar G, Waikhom R, Raychowdhury A, Pandey R. Clinical features, epidemiology, and short-term outcomes of proliferative lupus nephritis in Eastern India. *Indian J Nephrol* 2013;23:5-11
7. Golay V, Trivedi M, Kurien AA, Sarkar D, Roychowdhary A, Pandey R. Spectrum of Nephrotic Syndrome in Adults: Clinicopathological Study from a Single Center in India. *Ren Fail* 2013; 2013;35(4):487-91.
8. Golay V, Sarkar D, Thomas P, Trivedi M, Singh A, Roychowdhary A, Dasgupta S, Pandey R. Safety and feasibility of outpatient percutaneous native kidney biopsy in the developing world: Experience in a large tertiary care centre in Eastern India. *Nephrology.* 2013; 18: 36–40.
9. Golay V, Roychowdhary A, Pandey R, Singh A, Pasari A, Abraham A. Acute interstitial nephritis in patients with viperine snake bite: Single center experience of a rare presentation. *Saudi J Kidney Dis Transpl* 2012; 23: 1262-7
10. Golay V, Roychowdhary A. Acute Pancreatitis in Chronic Kidney Disease—A Common but Often Misunderstood Combination. *Ren Fail* 2012; 34(10): 1338–1340.
11. Golay V, Pandey R, Roychowdhary A. Chronic tubulointerstitial nephritis in a solitary kidney of a child with Noonan syndrome. *Indian J Nephrol* 2012; 22: 3046
12. Waikhom R, Sircar D, Patil K, Bennikal M, Gupta SD, Pandey R. Long-term renal outcome of snake bite and acute kidney injury: a single-center experience. *Ren Fail.* 2012;34(3):271-4
13. Waikhom R, Sarkar D, Patil K, Pandey R, Dasgupta S, Jadhav J, Abraham A. Non-IgA mesangioproliferative glomerulonephritis: a benign entity? *Nephrol Dial Transplant.* 2012 Jun;27(6):2322-7.
14. Waikhom R, Sapam R, Patil K, Jadhav JP, Sircar D, Roychowdhury A, Dasgupta S, Pandey R. Herpes labialis in patients with Russell's viper bite and acute kidney injury: a single center experience. *Am J Trop Med Hyg.* 2011 Jun;84(6):1016-20.
15. Waikhom R, Taraphder A. Nephrogenic systemic fibrosis: a brief review. *Indian J Dermatol.* 2011 Jan;56(1):54-8.

15. Sarkar D, Sircar G, Waikhom R, Roychowdhury A, Pandey R, Ghosh A. Severe systemic sclerosis developing in a patient of membranous nephropathy. *Rheumatology*. 2011 Aug;50(8):1522-3.
16. Sircar D. Indian government must spend more on healthcare, salaries, and infrastructure. *BMJ*. 2014 Jul 15;349:g4625. doi: 10.1136/bmj.g4625. PubMed PMID: 25027272.
17. Waikhom R, Sapam R, Patil K, Jadhav JP, Sircar D, Roychowdhury A, Dasgupta S, Pandey R. Herpes labialis in patients with Russell's viper bite and acute kidney injury: a single center experience. *Am J Trop Med Hyg*. 2011 Jun;84(6):1016-20.

Accepted for publication

1. Golay V, Trivedi M, Roychowdhury A, Arora P, Sarkar D, Singh A, Dasgupta S, Pandey R. CAPD catheter insertion by nephrologists using only ultrasound guidance: Making things safer and easier. Accepted for publication in *Peritoneal Dialysis International*.
2. Golay V, Arora P, Abraham A, Pandey R. An unusual cause of nephrotic syndrome. Accepted for publication in *American Journal of Kidney Disease*.
3. Golay V, Roychowdhury A, Pandey R, Pasari A, Praveen M, Arora P, Sarkar D. Growth retardation due to panhypopituitarism and central diabetes insipidus following Russell's viper bite. Accepted for publication in the *Southeast Asian Journal of Tropical Medicine and Public Health*.
4. Golay V, Roychowdhury A, Pandey R. Spontaneous perinephric hematoma in a patient with acute kidney injury following Russell's viper envenomation. Accepted for publication in the *Saudi Journal of Kidney Disease and Transplantation*.

Passing out batch of DM Nephrology

1. Dr. Atul Desai
2. Dr. Praveen Malavade
3. Dr. Mayuri Trivedi
4. Dr. Amit Pasari
5. Dr. Kanailal Karmakar
6. Dr. Supriya Guru

4. Service information

- Bed location – Nephrology Ward -Male 18 + 2 (Recovery room), Female 12+1 (Recovery room)
- 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 & Vascular tracing.
- AV Fistula creation (started from December 2012). Cases being done Monday to Friday.
- Dr. Sanjay Dasgupta, Associate Professor was transferred to N.R.S. Medical College & Hospital and now posted as detailment in the Dept. of Nephrology.
- Dr. Sital De, Medical Officer joined as fellow in the course of fellowship in dialysis technology.
- Dr. H. R. Das, MBBS, DTM&H, MD (Trop. Med.) has retired from his service in 2014.

Unit distribution

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

Prof. R. Pandey, HOD	-	Monday 2 nd & 4 th
Dr. A. Banerjee	-	Monday 1 st / 3 rd / 5 th
Dr. D. Sen	-	Wednesday 1 st / 3 rd / 5 th
Dr. Arpita Roychowdhury	-	Wednesday 2 nd & 4 th
Dr. Sanjoy Dasgupta	-	Friday 1 st / 3 rd / 5 th
Dr. D. Sircar	-	Friday 2 nd & 4 th

Admission census 2012 - 2013

Month	Admissions	Discharge	Deaths
MRU Male	714	660	54
MRU Female	437	397	40
Total	1151	1057	94

OPD census 2012 - 2013

Old OPD Ticket: From 1st January 2014 to 31st December 2014	16,523
New OPD Ticket: From 1st January 2014 to 31st December 2014	15,902

Procedures / Investigations performed during 2014

Month	Hemo-dialysis	ARF	CRF	Snake Bite ARF	Plasma-pheresis	Transplant	Renal Biopsy
January	718	200	518	7	27	4	54
February	706	208	498	16	29	3	51
March	714	221	493	16	19	4	56
April	572	194	378	35	25	3	45
May	623	290	333	47	25	3	62
June	698	270	428	45	37	3	40
July	534	200	334	48	5	4	45
August	614	234	380	75	13	3	52
September	482	155	327	34	15	4	53
October	573	208	365	52	10	3	54
November	550	161	389	27	11	3	54
December	498	150	348	12	8	4	51
Total	7,282	2,491	4,791	414	224	41	617

Renal laboratory information

Following tests were carried out for the period from November 2013 to October 2014.

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

Total tests performed 76,686, Total sample received 8,106, Samples drawn for TAC level 3450.

New Autoanalyzer has been installed in October 2013. ELISA Reader is being used since June 2013.

No.	Name of tests	No. of tests	No.	Name of tests	No. of tests
1	Na+	6574	12	SGOT	3005
2	K+	6574	14	SGPT	3014
3	Urea	7431	15	Alk. Phosphatase	3248
4	Creatinine	8727	16	Calcium	4527
5	Total Protein	4030	17	Phosphorus	4323
6	Albumin	4478	18	HbsAg	1342
7	Cholesterol	3283	19.	Anti HCV	1168
8	Triglyceride	3172	20.	24 hr. Urinary Protein	296
9	Sugar	3860	21	25 hydroxy Vitamin D	20
10	Uric Acid	3600	22	Anti ds-DNA Levels	10
11	Bilirubin (T)	3243	23	Thyroid profile	150
13	Bilirubin (D)	611			

Renal transplant program

Kidney transplantation is done on every
Transplantation follow-up clinic on every
Pre-Transplant Workup OPD

- Tuesday
- Thursday
- Monday/Wednesday/Friday

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

The department also runs

Glomerulonephritis clinic on

Monday / Wednesday / Friday

Nuclear and Experimental Medical Sciences

1. Staff

Faculty

Dr. Jayanta Chatterjee DRM, MD	Professor & Head
Dr. Saikat Kumar Choudhury MD	Assistant Professor
Dr. Debasis Das DRM, MD	Assistant Professor
Dr. Srabani Sen DCP, MD	Assistant Professor
Dr. Abhijit Bandyopadhyay DRM, DNB	RMO cum Clinical Tutor
Dr. Dhritiman Chakraborty MD	RMO cum Clinical Tutor
Dr. Punyabrata Dobe MBBS, DTCD, DBMS, FCCP	MO on Supy Duty

Technical Officer (Nuclear Medicine) - Vacant

2. Transfer and posting

Dr. Gouranga Kanti Rakshit, Associate Professor, was transferred on promotion to Medical College Calcutta on 21.05.2014.

3. Faculty news

Prof. Jayanta Chatterjee

Dissertation Co-guided

Comparison of eGFR calculation by creatinine alone, and creatinine with cystatin C using, ^{99m}TcDTPA renogram as the benchmark, by Dr Pankaj Mandal for MD (Biochemistry) for the session 2012-2015.

Conferences Attended

- i) Chaired a session on 'Nuclear Nephrology' in the CME of Nuclear Medicine & Molecular Imaging Organised by Society of Nuclear Medicine India (Eastern chapter) held at Rabindranath Tagore International Inst of Cardiac Sciences, Kolkata held on 27th July 2014.
- ii) Chaired a session on Nuclear Thyroidology at the Thyroid Update 2014, of Endocrine Society of Bengal held on 5th April 2014 in Kolkata

Dr. Srabani Sen

Attended:

- i) CME programme of API (API-DIAS) held on 8th & 9th February, 2014 in Kolkata.
- ii) Interim CME of Indian Society of Nephrology (Eastern chapter) held on 30th March, 2014.
- iii) Thyroid Update 2014, of Endocrine Society of Bengal held on 5th April 2014 in Kolkata.
- iv) World Schizophrenia Day Clinical Meeting held on 23rd May 2014, at IPGME&R.
- v) Practical Diabetes Management Workshop jointly organised by Indian Association of Clinical Medicine (W.B. chapter) & RSSDI (W.B.chapter) held on 25th May 2014 in Kolkata.
- vi) Non Communicable Diseases Summit organised by Indian Association of Clinical Medicine (West Bengal Chapter) held on 1st June, 2014 in Kolkata.
- vii) NATIONAL AMSCON 2014 – Multi Speciality Conference of IMA Academy of Medical Specialities held on 28th & 29th June, 2014 in Kolkata.
- viii) DIACON 2014 –Conference on Diabetes organised by IMA (HQ), Kolkata & IMA Bengal State Branch held on 8th & 9th November, 2014 in Kolkata.

Dr. Abhijit Bandyopadhyay

Attended:

- i) Thyroid Update 2014 of Endocrine Society of Bengal held on 5th April 2014 in Kolkata.
- ii) World Schizophrenia Day Clinical Meeting held on 23rd May 2014, at I.P.G.M.E. & R, Kolkata.

- iii) Practical Diabetes Management Workshop jointly organised by Indian Association of Clinical Medicine (W.B. chapter) & RSSDI (W.B.Chapter) held on 25th May 2014 in Kolkata.
- iv) STEMI – Interventional & Antithrombotic strategies- Evidence & Guidelines held on 29th May, 2014 at IPGME&R, Kolkata.
- v) Non Communicable Diseases Summit organised by Indian Association of Clinical Medicine (West Bengal Chapter) held on 1st June, 2014 in Kolkata.
- vi) CME of Nuclear Medicine & Molecular Imaging Organised by Society of Nuclear Medicine India (Eastern chapter) held at Rabindranath Tagore International Inst of Cardiac Sciences, Kolkata held on 27th July 2014.

Dr. Dhritiman Chakraborty

Published:

Koramadai Karuppusamy Kamaleshwaran*, Chakraborty Dhritiman, Bhattacharya Anish and Mittal Bhagwant Rai. Detection of Renal Vein and Inferior Vena Cava Thrombosis from Renal Cell Carcinoma by F-18 FDG PET/CT in Two Patients. International Journal of Nuclear Medicine Research, 2014, 1, 13-16.

Dr. Punyabrata Dobe

Attended:

- i) International Cardiology Symposium in New Delhi
- ii) Annual Conference of the RSSDI (WB Chapter)
- iii) Thyroid Update 2014, of Endocrine Society of Bengal held on 5th April 2014 in Kolkata.
- iv) Participated in the Insulin Discovery Day programme
- v) Participated in the World Diabetes Day programme..

4. Regular academic activities

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

5. Research projects and grants

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

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

Perchlorate discharge test in evaluation of adolescents with goitre.

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

Obstetrics & Gynecology

Faculty

Name	Qualification	Designation
Prof P S Chakraborty	MD	Professor & HOD
Prof. Subhas Chandra Biswas	MD	Professor
Prof. Sudip Saha	MD; DNB	Professor
Prof. Gourisankar Kamilya	MD; DNB	Professor
Dr. Chaitali Datta Ray	MD; FICOG	Associate Professor
Dr. Sumit Ranjan Pramanick	MD	Associate Professor
Dr. Sambhunath Bandyopadhyay	MD	Associate Professor
Dr. Debasmita Mandal	MD	Associate Professor
Dr. Sarbeswar Mondal	MS	Assistant Professor
Dr. Dipnarayan Sarkar	MD	Assistant Professor
Dr. Biswajit Ghosh	MD	Assistant Professor
Dr. SubeshaBasu Roy	MS	Assistant Professor
Dr. Sumanta 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	RMO cum Clinical Tutor
Dr. Sayantanee Sengupta	MS	Senior Resident
Dr. Mriganko Mouli Saha	MS	Senior Resident

Postgraduate (MS) trainees

2012-2015	2013-2016	2014-2017
Dr. Srijoni Chowdhury Dr. Megha Sharma Dr. Payel Ray Dr. Meenakshi Tiwari Dr. G. Sujitha Dr. Barun Kr Mandi Dr. D. Joyce Rani Dr. Smriti Prasad Dr. Neha Ladha Dr. Aunik Das Dr. Santanu Banerjee Dr. Soumen Koley	Dr. Santanu Das Dr. Niharika Thakur Dr. Sanchari Dutta Dr. Priyadarshini M Dr. Sagarika Majumdar Dr. Sharmila Patra Dr. Mansi Upadhyaya Dr. Antara Naskar Dr. Rashmi Baid Dr. Sudeshna Dutta Dr. Souptik Gangopadhyay Dr. Pratibha Tiwari	Dr. Dipannita Chakraborty Dr. Tahira Parvin Dr. Samik Sanyal Dr. Sreeja Karan Dr. Sukanya Roy Dr. Payel Mandal Dr. Soma Soren Dr. Geetanjali Kanwar Dr. Gopikishan Soren Dr. Gunjan Bhat Dr. Tarun Mandal Dr. Avijit Das

Transfers & postings

- Professor P. S. Chakraborty has joined as Head of the Department
- Professor S. C. Biswas has joined from Chittaranjan Seba Sadan
- Dr. Abhijit Rakshit promoted as Associate Professor to R G Kar Medical college

Regular academic activities

- Bedside Clinics
- Seminar
- Journal Club
- Hands on training for post graduates
- Maternal Mortality Audit

Thesis submitted in 2014

- Dr. Megha Sharma – “Comparative study between Intramuscular oxytocin 7 intraumbilical oxytocin in prevention of PPH”
- Dr. Sujitha J – “Correlation of maternal 7 fetal vitamin D deficiency with IUGR in early onset severe pre-eclampsia”
- Dr. Barun Mandi – “Outcome of pregnancy in women with Rheumatoid arthritis.”
- Dr. Smriti Prasad – “A study of maternal Serum beta Hcg and lipid profile in early 7 late second trimester as predictor of PIH/pre-eclampsia and its time of onset”
- Dr. Soumen Koley – “Maximum vertical pocket or AFI – which is better in diagnosing fetal outcome after 32 weeks of pregnancy.”
- Dr. Santanu Banerjee – “Ultrasound diagnostic criteria for evaluating adnexal mass using modified ALCAZO scoring grade”
- Dr. Joyce Rani – “A prospective study to compare the efficacy & safety of I.M. Carbaprost versus Sublingual Misoprostol in first trimester abortion”
- Dr. Neha Ladha – “Prospective study for prediction of pre-eclampsia in high risk pregnancy by persistence of diastolic notch in uterine artery doppler study vs roll over test”
- Dr. Meenakshi Tewari – “A comparative study between Mifepristone & misoprostol vs only Misoprostol in second trimester MTP”
- Dr. Srijani Choudhury – “Yolk sac as a predictor of pregnancy outcome”
- Dr. Anik Das – “Comparative study of fetomaternal outcome in obese and nonobese mothers.”

Service information

Indoor beds

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)

Procedures performed (01.12.13 to 30.11.14)

- | | |
|--|------|
| • Major operative procedures | 615 |
| • Laparoscopic procedures | 55 |
| • Minor operative procedures, tubectomy and diagnostic laparoscopy | 723 |
| • Total number of deliveries | 3867 |

Unit distribution

Unit	Admission day	Consultants	Operation day
1A	Monday	Prof. Sudip Saha, Professor, Dr. Subesha Basu Roy, Assistant Professor	Thursday
11A	Tuesday	Prof.Gourisankar Kamilya, Professor Dr.Sarbeswar Mondal, Assistant Professor	Friday

111A	Wednesday	Prof. P. S. Chakraborty, Professor & Head Dr. Chaitali Datta Ray, Associate Professor Dr. Dipnarayan Sarker, Assistant Professor	Saturday
1VA	Thursday	Prof. S. C. Biswas, Professor Dr. SR Pramanick, Associate Professor	Monday
1B	Friday	Prof. P. S. Chakraborty, Professor & Head Dr Debasmita mandal, Associate Professor Dr. Biswajit Ghosh Sarkar, Assistant Prof.	Tuesday
11B	Saturday	Dr. S. N. Banerjee, Associate Professor Dr. Sumanta Mondal, Assistant Professor	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.

Research projects

The Regional Centre of Clinical Research in Human Reproduction is running since 1982. At present Prof. Gourisankar Kamilya is the Officer-in-Charge.

The different studies that are going on at the centre are as follows:

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

Ophthalmology (Eye)

Staff

Faculty

Dr. Mita Khan MBBS, MS	Professor & Head
Dr. Amitabha Raychaudhuri MBBS, MS, M.Sc.(CEH)	Professor
Dr. Prasenjit Maiti MBBS, DO, MS	Professor (On detailment)
Dr. Mohua Mazumdar MBBS, DO, MS	Assistant Professor (On detailment)
Dr. Kumaresh Chandra Sarkar MBBS, MS	Assistant Professor
Dr. Amit Kumar Gupta MBBS, DO, 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. Sayantan Ghosh MBBS, MO

Transfers & postings

- Dr. Amitabha Raychaudhuri has joined as professor.
- Dr. Kumaresh Chandra Sarkar has joined as faculty – presently on detailment in CNMC, Kolkata.
- Dr. Angshuman Das - transferred to Murshidabad Medical College in Sep, 2014.
- Retirement: Dr. Debashis Basak, M.O. retired in Feb 2014.

Faculty news

Prof. (Dr.) Mita Khan

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

Prof. Amitabha Raychaudhuri

- Presented “Basics of automated perimetry” at the Investigative Ophthalmology CME organized by Eastern India Zonal Ophthalmological Committee (EIZOC) at the HI-TECH Medical College, Bhubaneswar (19.01.2014).
- Presented “Causes of Blindness & their prevention” organized by Regional Occupational Health Center, Kolkata. (14.03.2014)
- Acted as Judge, S. R. Hazra Community Ophthalmology Session at the 45th OSWB Conference, Kolkata (22.11.2014).

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 (25.08.2014 to 08.09.2014). Counseling and distribution of leaflets to all patients in OPD. Posters were displayed at prominent sites.
- Awareness programme for Eye donation was held on 27th August 2014 at GLT Hall which was attended by the Director, IPGME&R, ADHS (Ophth), doctors from various departments, 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 Nethralaya Eye Bank, Kolkata on 31.08.14 at 9.00 AM
- Observation of World Glaucoma week from 10th to 16th March. 2014. Counseling and distribution of leaflets to all patients at OPD.
- School Eye screening programme (with supply of spectacles free of cost)
 - 1.Behala Sharda Vidyapith for Girls (H.S.), Kol-60, on 20.07.2014
 - 2.Parnasree Satiprasanna Vidyapith, Kol-60, on 01.10.2014.
- Post-cataract surgery patients were supplied spectacles free of cost.

Performance (up to 30.11.2014)

- OPD patients - 37236
- Refraction - 10903
- OPD procedures - 8626
- Cataract and other surgeries - 522
- YAG laser application - 107

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
- 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

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

Orthopedics

Academic activity

- 1) Symposium
 1. Acetabular Fracture in March 2014.
 2. Interpretation of MRI for Knee & Shoulder disease in April 2014.
 3. SICOT WEBLINER- a) Acetabular Fracture.
b) Distal Femoral Epiphyseal injury.
 4. Hemiarthroplasty in Trochanteric Fracture in July 2014.
- 2) Cadaveric Workshop
 - 1) Acetabular Fracture Fixation
 - 2) Shoulder arthroscopy
 - 3) Hip Arthroplasty on 20.12.2014
- 3) WBOA Tumour Board every 4th Saturday with collaboration with Pathology department.
- 4) Johnson & Johnson fellow traveller's training Programme held on 02-12-2014
- 5) MS (Ortho) Supplementary exam. on 27th September 2014.
- 6) D Ortho Supplementary exam. On 26th September 2014.
- 7) DNB (Ortho) Exam. On 3rd-6th Dec 2014.

Faculty news

Prof. Ananda Kishore Pal

- A. Lectures delivered
 1. State conference of West Bengal Orthopaedic Association held at Durgapur 7-9 Feb 2014
 - CME Lecture on Nonarthroplasty management of lower limb Osteoarthritis
 - Biological solution of old painful Perthes' disease.
 2. Eastern India Initiative Orthopaedic Training held at NRS Medical College
 - How to read Radiograph
 3. Conference on Publication and Research, held at Calcutta Medical college on 02-02-2014
 - Types of Clinical Research
 4. Annual conference of Association of sports medicine, West Bengal, held at IPGME & R, on 16-02-2014
 - Stress fractures of the Lower limb
 5. ISHK (Indian Society of Hip & Knee Arthroplasty) conference on March 2014
 - Current trends in THR
 6. KAASCON held at Stadel hotel on 24 05 2014
 - Tibialis posterior dysfunction in adults
 7. National CME held at BORRC, Narayanpur
 - Tips of reading radiograph
 8. Conference on Pelvi-acetabular fracture, held at Calcutta Medical College
 - The Rationale and classification of Pelvic fractures
 9. WBASCON (Annual conference of West Bengal Arthroplasty Society) held at Hotel Gateway on 6th -7th Sep
 - Postoperative care of THR
 10. Paediatric trauma conclave by Paediatric Orthopaedic society & Indian Trauma society held on Sep 2014
 - Femoral shaft fractures in children- ways to prevent complications
 11. Annual conference of Indian Orthopaedic Association held at Hyderabad 19 – 22 Nov
 - A user friendly approach of Baksi sloppy hinge total elbow replacements
 - Role of Platelet rich plasma in fracture heal
- B. Examiner of Post Graduate Examination
MS(Ortho)Supplementary, DNB (Ortho) in Army Base Hospital New Delhi, Osmania Medical College Hyderabad & IPGME&R .

- C. Conduction of North zonal Handicapped Board for admission of UG & PG medical courses.
- D. Johnson & Johnson fellow traveler's training Programme held on 02-12-2014
- Elaboration of research works by ppt presentation followed by two live surgeries on TFL Muscle-pedicle bone grafting for AVN femoral head and Modified Boytchev technique for recurrent dislocation of shoulder.
- E. Research work conducted
- Functional outcome of elbow after removal of prosthesis
 - Arthrolysis of Elbow
 - Salvage surgery of Osteonecrotic femoral head by TFL or Sartorius MPBG
 - Biological approach of harvesting fibular graft
 - Management of different patellar dislocations by Pes Anserinus Transposition
 - Minimal invasive technique for internal fixation of Trochanteric fracture
 - Osteosynthesis of ununited femoral neck fracture by Quadratus femoris MPBG
 - Preparation of Single Bone forearm
 - Interosseous bone grafting for non-union of Tibia, refractory to other treatment
 - Minimal invasive technique for close reduction and external fixation of proximal & distal humeral, proximal tibia, distal radius fracture

Dr. Tanmay Dutta

Publications

- "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.
- "Evaluation of performance of single bone forearm as salvage Procedure in different clinical scenarios- A short case series" International journal of Scientific Study .May 2014.
- "Cheilectomy ,drilling, curettage and TFL muscle pedicle bone grafting in post traumatic osteonecrosis of the femoral head" .International Journal of Scientific study .June 2014.
- 4. "Surgical management of uncomplicated hallux varus deformity in an adolescent". Journal of evolution of Medical and Dental Science, April 2014.

Dr. Arnab Karmakar

Publications

- Prognostic significance of proliferative activity (Ki 67 expression) in osteosarcoma in children. Journal of evolution of Medical and Dental Science, April 2014.
- Surgical management of uncomplicated hallux varus deformity in an adolescent". Journal of evolution of Medical and Dental Science, April 2014.

Awards Received-

- 1) Siliguri Best Paper Award for the year 2013.
- 2) President Gold medal award for the year 2013.

Paper Presentation-

- Percutaneous Vertebroplasty- in state conference of Odisha Orthopaedics association, March 2014.

Service information

Total no. of operations in 2014	Major		Minor
	2381		230
Total no. of admissions in scheduled bed in 2014	Male	Female	Cabin
	1317	637	104
Total no. of emergency admissions in 2014	Male		Female
	765		201
Total no of evaluations of histopathological samples	217		

Otorhinolaryngology (ENT)

Staff

Faculty

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

Senior Residents

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

Regular academic activities

The department is involved in post graduate ENT teaching in D.L.O. and M.S.(ENT). 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. 56 well organized CME were conducted in the department during the present year.

Theoretical & clinical classes of MBBS students are also taken regularly as per university curriculum.

Regular cadaveric dissections are carried on by MS students using microscopes, endoscopes and surgical instruments provided by the department.

Student Information

MS (ENT) Students passing out in 2014: Dr. Suvadip Dhara, Dr. Anindita Sengupta, Dr. Avick Das, Dr. Poulomi Saha

Present PGTs

MS

Final Year	Dr. Subhendu Bhattacharya, Dr. Rajarshi Kar, Dr. Anju Mambully, Dr Subhendu Mandal
Second Year	Dr. Shyama Bandyopadhyay, Dr. Bahnishikha Kayet, Dr Soumik Basu, Dr Mansoor Alam
First Year	Dr. Sanhita Das, Dr. Prasanta Kandar, Dr. Somsubhra Bag, Dr. Promit Patra

DLO

Final Year	Dr. Nordon Otzer, Dr. Nabendu Roy, Dr. Sujit Mondal, Dr. Suman Misra
First Year	Dr. Sanjay Ghosh, Dr. Shyama Prasad Mukherjee, Dr. Sourav Roy

Thesis work in progress

1. "Nasal Endoscopy : Evaluation as a diagnostic tool in the management of Sinonasal diseases" by Dr. Subhendu Bhattacharya : Guide –Prof.(Dr.) A. Sengupta (submitted).
2. "Clinicopathological Study of Benign Lesions of Larynx undergoing microlaryngeal surgery" by Dr. Rajarshi Kar ; Guide – Prof. (Dr.) A. Sengupta (submitted).

3. "Role of Computed tomography in surgical planning for chronic Otitis Media" by Dr. Anju Mambully : Guide – Prof. (Dr.) S. K. Ghosh (submitted).
4. "Clinicopathological study of post operative mastoid cavity" by Dr Subhendu Mandal :Guide Prof. (Dr) S. K . Ghosh (submitted).
5. "A comparative study of medical versus ventilation tube management in cases of otitis media with effusion in pediatric patients" by Dr Shyama Bandyopadhyay :Guide –Prof. (Dr) A Sengupta.
6. "Comparative study of type 1 tympanoplasty using temporalis fascia and perichondrium as a graft" by Dr. Bahnishikha Kayet :Guide –Prof. (Dr) A. Sengupta.
7. "Hearing results in patients undergoing Canal wall down mastoidectomy with ossiculoplasty" by Dr. Soumik Basu : Guide –Prof. (Dr) A Sengupta.
8. "Role of Endoscopic Sinus Surgery in Chronic Rhinosinusitis and Nasal Polyposis –a comparative study" by Dr. Mansoor Alam :Guide –Prof. (Dr) S. K . Ghosh
9. "A clinical study of Antrochoanal polyp with special reference to endoscopic evaluation" by Dr Sanhita Das: Guide –Dr. P. Roy.
10. "Clinicopathological profile of sinonasal masses and their radiological correlation" by Dr Prasanta Kandar :Guide – Prof. (Dr) A . Sengupta.
11. "Comparative study of clinical and radiological examination of cervical lymph node metastasis in Primary head neck malignancies" by Dr. Somsubhra Bag :Guide-Prof. (Dr) S. K . Ghosh.
12. A descriptive study on the post-operative complications of goiter by Dr Promit Patra: Guide Dr. P. K . Roy.

Conferences attended

- A micro-ear surgery workshop was organized in June 2014 where Dr. H. Vijayendra was the guest faculty .
- Many PGTs and doctors attended the 43rd state ENT conference held in Kolkata.
- Dr. B. Sen attended the 7th basic FESS course by Dr. Renuka Bradoo in Mumbai.
- Dr. A. R. Mondal attended the endoscopic skull base surgery workshop at Bombay Hospital.
- Dr. A. R. Mondal attended Live Head and neck surgery held at Ranigunj, West Bengal (Nov, 2014).
- Dr. Suvendu Bhattacharya, Dr. Rajarshi Kar, Dr. Suvedu Mondal attended the temporal bone dissection course guided by Dr. K .P . Morwani.
- Dr. S. K. Ghosh , Dr. D. Ghosh . Dr. A. Das , Dr B. Sen attended ISOCON 2014 Chennai.
- Dr. D. Ghosh And Dr A. Das attended Phonosurgery and Laser hands-on workshop in Mumbai (August 2014).
- Dr. A. Sengupta, Dr. P . Roy attended AOICON 2014 at Mysore.
- Almost all PGTs attended the Thyroid and Rhinoplasty workshop held in NRS Medical College, Kolkata (September , 2014)
- Almost all PGTs and senior doctors attended 7th MIDAOICON in K.P.C Medical college Kolkata.

Publications

- A paper titled "Myringoplasty ..Impact of size and site of perforation" by Dr Arindam Das has been published by IJLO.
- A paper "Changing trends of antibiogram in chronic otitis media in a tertiary care hospital , Calcutta" by Dr S. Dhara –has been published in Indian Journal of Microbiology.
- "Unusual manifestations of adenoid cystic carcinoma in extra salivary gland subsites in head and neck region :a case series" by Dr K. Das Biswas has been published in IJOHNS (Jan 2014).

Service information

ENT OPD complex has six cubicles with a minor O.T. In minor O.T, operations like biopsy, examination under microscope, sinus wash out, direct laryngoscopic examination, nasal diagnostic endoscopy are done under local anesthesia and also removal of foreign body is commonly undertaken. Fiberoptic laryngoscopy vronchoscopy also regularly done in a number of patients everyday.

Total no. of OPD patients 92620

New cases	Male 32081	Female 23865	Total 55946
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Old cases	Male 22106	Female 14568	Total 36674
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Total number of OPD procedures - 1288 cases

Indoor Department Total beds 40

Total no. of patients admitted From OPD 1764 From emergency 230

There is a mini OT & ENT examination table in the ward annex. Tracheostomy, minor operations under local anesthesia, nasal pack removal and dressing are regularly performed in that OT. The ward also has seminar room, rooms for RMO and on duty medical officer and a well equipped temporal bone dissection lab.

Operations Performed in main OT: 1867 (Total)

We are also attending 24 hours EMERGENCY for all ENT emergencies as well as aerodigestive endoscopy with foreign bodies with high success rate. In 2014 a total of 140 emergency cases including critical bronchoscopy, esophagoscopy and life-saving tracheostomies were done in emergency OT.

Currently doctors from this department are performing skull base surgeries along with the Neurosurgery Department with considerable success. 24 hours emergency service, including emergency bronchoscopy and esophagoscopy has attracted patients from furthest corners of this state making it a very significant tertiary referral center in West Bengal.

Speech & Hearing clinic

An Audio-vestibular unit is being run by PPP arrangement in the ENT OPD for last 6 years. Following tests have been done:

- Pure tone audiometry 5395 cases
 - Impedance audiometry 1978 cases
 - BERA 433 cases
 - ENG 167 cases
 - Speech therapy 250 cases
-

Paediatric Medicine

Faculty

Name	Qualification	Designation
Dr. Supratim Datta	DCH, MD	Professor & HOD
Dr. Mrinal Kanti Das	MD,	Professor
Dr. Dipankar Gupta	DCH, MD, DNB, DM (Neuromedicine)	Associate Professor
Dr. Malay Kumar Sinha	MD	Associate Professor
Dr. Sumantra Sarkar	MD	Associate Professor
Dr. Suman Sarkar	MD	Assistant Professor
Dr. Anirban Chatterjee	MD	Assistant Professor
Dr. Arnab Biswas	DTCD, MD	Assistant Professor
Dr. Sarvani Roy Mishra	MD	Assistant Professor
Dr. Bidhan Chandra Roy	MD	RMO-cum clinical tutor
Dr. Koushik Pramanik	MD	RMO-cum clinical tutor
Dr. Suchi Acharya	MD	Senior Resident
Dr. Arup Kumar Roy	DCH	Senior Resident
Dr. Sutanu Chatterjee	DCH	Medical Officer
Dr. Sanjukta Bhattacharya	DCH	Medical Officer

Transfers & postings

- Dr Dipankar Gupta, Associate Professor, has joined the department after completion of DM (Neurology).
- Dr Malay Kumar Sinha, Associate Professor has joined the department in April 2014 [Transferred from Kolkata Medical College].
- Dr Sumantra Sarkar was promoted to the post of Associate Professor in May 2014.
- Dr Madhumita Nandi was promoted to the post of Associate Professor and transferred to NRS Medical College in May 2014.
- Dr Sarvani Roy Mishra was promoted to the post of Associate Professor in December 2014.
- Dr Koushik Pramanik has joined to the post of RMO cum clinical tutor in April 2014.

Postgraduate (MD) trainees

Name	Session
Dr. Naveen Koval	2012-2015
Dr. Rabi Kumar	2012-2015
Dr. Sandip Mondal	2012-2015
Dr. Shovona Haque	2012-2015
Dr. Srirupa Bhattacharya	2013-2015
Dr. S Rutsa	2013-2016
Dr. Gargi Das	2013-2016
Dr. Amit Sekharay	2013-2016
Dr. Jayanta Kumar Sarkar	2014-2016
Dr. Sudipta Dhak	2014-2017
Dr. Partha Pratim Pal	2014-2017
Dr. Joydev Kisku	2014-2017

Thesis topics

- Dr. Naveen Koval - Vitamin D level in idiopathic musculoskeletal pain.
- Dr. Rabi Kumar - A clinico-epidemiological study of acute encephalitis syndrome with special reference to acute disseminated encephalomyelitis in children.
- Dr. Sandip Mandal - Efficacy of mycophenolate mofetil therapy in children with frequently relapsing nephrotic syndrome.
- Dr. Shovona Haque - Changes in clinical profile if JIA with use of methotrexate and sulphasalazine.
- Dr. Srirupa Bhattacharya - Obesity and hypertension in childhood nephrotic syndrome.
- 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 its 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.

Passed out PGTs

Dr. Mousumi Modak, Dr. Suchi Acharya, Dr. Sukanta Nandi and Dr. Piyush Kanti Pal appeared and passed MD examination in first attempt.

Regular academic activities

- Regular postgraduate and undergraduate teaching and clinical training
- Weekly seminars and case presentation
- Monthly Mortality Meeting
- Journal club
- IAP clinical meeting yearly held in November every Year
- Interdepartmental discussion
- IAP Post Graduate and Under Graduate Quiz
- Guest Lectures

Academic achievements of PGTs in last 1 year

1. Dr Rabi Kumar stood second in the Poster Paper Presentation titled 'A Clinico-Epidemiological Study of Acute Encephalitis Syndrome with Special Reference to Acute Disseminated Encephalomyelitis in Children' in 33rd WB Pedicon
2. Dr Sandip Kumar Mandal presented Poster 'Efficacy of Mycophenolate Mofetyl Therapy in Children with Frequently Relapsing Nephrotic Syndrome in a tertiary care center' in 33rd WB Pedicon
3. Dr Sandip Kumar Mandal and Dr Rabi Kumar stood first in NNF PG QUIZ State round at NRS Medical College and Hospital. They were runner up in the East zonal round.
4. Dr Sandip Kumar Mandal and Dr Rabi Kumar participated in the inter college round of IAP PG Quiz
5. Dr Naveen Koval stood first in WBAP monthly clinical meet for presenting a case on 'A child with accidental ingestion of a disinfectant'
6. Dr Sandip Kumar Mandal and Dr Rabi Kumar attended PALS training course
7. All the PGTs presented case in the WBAP monthly clinical meet in Nov. 2014

Publications of PGTs in 2014

1. Dr Sandip Kumar Mandal
Sarkar S, Nandi M, Mondal R, **Mandal SK**. Organo-phosphorus Induced Extra-pyramidal Intermediate Syndrome in an Adolescent Suicide Attempt Survivor. J Neurosci Rural Pract. 2014;5:276-8
2. Dr Rabi Kumar
Sarkar S, **Kumar R**. Posterior Reversible Encephalopathy Syndrome (PRES) after transfusion in a child of E-Beta Thalassemia. Indian Pediatr. 2014;51:504.
3. Dr Jayanta kumar Sarkar
Sarkar S, **Sarkar JK**. Bilateral Parotid Swelling after Viper Envenomation: An Ominous Sign? Accepted for publication in Indian Pediatrics.

Faculty news

Prof. Supratim Dutta

Publications

- Contributed chapter in the book 'Essentials of Pediatric Oncology' second edition E-published in 2014

Ongoing research

- Side effects of commonly used antibiotics in children in collaboration with Department of Pharmacology
- Project on effects and side effects of drugs used in SLE in children
- Palmar Dermatoglyphic Analysis of Beta-Thalassemia patients and carriers
- Correlation between Thyroid Hormone and Iron Deficiency anemia in School Children

Conference Participation in 2014:

1. Participated as 'Faculty' in the National level Pediatric Rheumatology CME 2014 [A Day with Lupus] by IAP Rheumatology Chapter and West Bengal Academy of Pediatrics at Kolkata [May1 2014]
2. Participated as 'Faculty' in the CMEs on Hemato-oncology
3. Guided the presentation of poster paper by PGT titled 'A clinico-epidemiological study of Acute Encephalitis Syndrome with special reference to ADEM' [stood second] in 33rd WB Pedicon at Kolkata.[Dec13-14,2014]

Other Activities

- Convenor of MD Pediatric medicine exam of WBUHS
- Convenor of Final MBBS part II exam
- MBBS External examiner at Agartala, Tripura
- 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

Prof. Mrinal Kanti Das

Publications

1. Nandi M, Das MK. Life-threatening thrombocytopenic bleeding in Infectious mononucleosis due to EB virus infection. Accepted in Journal of Infectious Disease.
2. 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

- MD External examiner at Patna Medical College, Bihar
- MD External examiner at Dibrugarh, Assam
- MD External examiner at Guwahati, Assam
- MD External examiner at CNMC, Kolkata
- Adjudicator of MD(Pediatrics) theses of West Bengal university of Health Sciences And RIMS, Ranchi university
- MCI assessor for opening of new MD (Pediatrics) seats
- 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

Joined Dept. of Pediatric Medicine after completion of DM (Neurology)

Conference Participation in 2014:

1. Attended Headache Medicine Update (IAN) at Udaipur,December2014
2. Attended Neurology Update at Institute of Chemical Biology at Kolkata Nov. 29, 2014
3. Attended IANCON, Chandigarh, Nov 6-8, 2014
4. Attended Neurophysiology and NCV workshop at CMC Vellore, August 28-30,2014
5. Presented Poster on "Quality of Life in Pediatric Epilepsy" at ECON (Epilepsy), Kolkata,February1-2, 2014

- Presented Poster on "Clinical Profile & Quality of Life in Primary Pediatric Headache at IANCON, Indore, November 2013

Pediatric Specialty Clinic at Out Patient Department, IPGME&R:
Pediatric Neurology Clinic once weekly on Thursday

Dr. Malay Kumar Sinha

Publications -

- Chatterjee S, Dey PK, Roy P, **Sinha MK**. Celiac disease with pure red cell aplasia: an unusual hematologic association in pediatric age group. Indian J Hematol Blood Transfus. 2014 Sep;30(Suppl 1):383-5.

Academic 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 seminars, workshop and state conference on Pediatric Medicine
- 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 in Indexed Journals in last 1 year:

- Alam MM, **Sarkar S**, Ghosh P, Ray B, Mondal R. Spirometric Evaluation in Juvenile Systemic Lupus Erythematosus. Indian Pediatr. 2014; 51:909-11.
- Alam MM, Ray B, **Sarkar S**, Mandal O, Mondal R, Hazra A, Das NK. Spirometric Evaluation in Juvenile Idiopathic Arthritis: Data from Eastern India. Indian J Pediatr. 2014; 81:1010-4.
- Sarkar S**, Mondal R, Nandi M. Chronic granulomatous disease presenting as immune thrombocytopenic purpura. Sri Lanka Journal of Child Health, 2014; 43: 177-179.
- Nandi M, **Sarkar S**, Mondal R, Banerjee I. Karate Related Injury- Are We Prepared? Indian J Pediatr. 2014 Aug; 81:838-9.
- Sarkar S**, Nandi M, Mondal R, Mandal SK. Organo-phosphorus Induced Extra pyramidal Intermediate Syndrome in an Adolescent Suicide Attempt Survivor. J Neurosci Rural Pract. 2014; 5:276-8.
- Sarkar S**, Kumar R. Posterior Reversible Encephalopathy Syndrome (PRES) after transfusion in a child of E-Beta Thalassemia. Indian Pediatr. 2014;51:504.
- Mondal R, **Sarkar S**, Hazra A, Banerjee I, Saren A, Mukherjee G, Chatterjee M. Clinico-anthropometric profile of children from Darjeeling tea garden. Indian J Pediatr. 2014; 81:350-5.
- Mondal R, **Sarkar S**, Pal P, Nandi M, Hazra A, Sabui T. Childhood Polyarteritis Nodosa: A Prospective Multicentre Study from Eastern India. Indian J Pediatr. 2014; 81:371-4.
- Sarkar S**, Mondal R, Nandi M, Ghosh P. Chronic tubulo-interstitial nephritis in common variable immunodeficiency: A rare association. Saudi J Kidney Dis Transpl 2014;25:394-7
- Mondal R, **Sarkar S**, Das NK, Chakravorti S, Hazra A, Sabui T, Nandi M, Ray B, Das A, Ganguli S. Growth of Children with Juvenile Idiopathic Arthritis. Indian Pediatr. 2014;51:199-202
- Mondal R, **Sarkar S**, Bag T, Mondal K, Saren A. A pediatric case series of abdominal epilepsy. World J Pediatr 2014; 10:80-82.
- Sarkar S**, Roy Mishra S, Nandi M, Mondal R. E Coli Septic Arthritis: A Rare Complication in Pediatric Lupus J Pediatr Infect Dis 2013; 8:191-3.

Articles Accepted for Publication in Indexed Journal in 2014:

- Sarkar S**, Sarkar JK. Bilateral Parotid Swelling after Viper Envenomation: An Ominous Sign? Accepted for Publication in Indian Pediatrics.
- Nandi M, **Sarkar S**. Posterior Reversible Encephalopathy Syndrome in an Infant following Accidental Strangulation. Accepted for Publication in J Ped Neurol.

Reviewer of International Journals :

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

Contribution of chapter in the book:

Served as Associate Editor and contributed chapters in the book 'Essentials of Pediatric Oncology' second edition E-published in 2014

Conference Participation in 2014:

1. Participated as 'Faculty' in session of "Common ENT and Upper respiratory Infection in Children" in 33rd WB Pedicon at Kolkata.[Dec13-14,2014]
2. Presented a paper in the award paper session titled 'Novel associations of posterior reversible encephalopathy syndrome' and a poster paper titled 'A clinico-epidemiological study of Acute Encephalitis Syndrome with special reference to ADEM' [stood second]in 33rd WB Pedicon at Kolkata.[Dec13-14,2014]
3. Participated as 'Faculty' in the session of 'Back to the basics' in the Midterm Pulmonology CME at Kolkata.[8 June 2014]
4. Participated as 'Faculty' in the National level Pediatric Rheumatology CME 2014 [A Day with Lupus] by IAP Rheumatology Chapter and West Bengal Academy of Pediatrics at Kolkata [May1 2014]
5. Selected for poster paper presentation on "CVID with reversible CTIN, isospora belli malabsorption and pigmentary retinopathy" in the 3rd Kawasaki Disease Summit and 12th National conference of Pediatric Rheumatology Society at PGIMER, Chandigarh [Oct 31-Nov2, 2014]

Other Activities:

1. Editorial board member in journal committee of West Bengal Academy of Pediatrics [WBAP],state branch of Indian academy of Pediatrics [IAP]
2. Member of the Governing Body West Bengal Pediatric Rheumatology Society.
3. Acted as Co- guide for thesis papers of postgraduate students

State level Facilitator:

1. Attended as a Resource person and Facilitator in the Two day Orientation Program of District level Officials and Nutritionists on "Care of Sick Children and Severe Malnutrition" at Institute of State Health & Family Welfare, Swasthya Bhawan on 24.06.14 and 26.06.14.
2. Attended as a Resource person and Facilitator in the 'Integrated Management of Severe Acute Malnutrition (IMSAM)' at Institute of State Health & Family Welfare, Swasthya Bhawan, under Govt. of West Bengal, Dept. of Health & family welfare and State Family Bureau in collaboration with National Rural Health Mission (NRHM) [March26-28 2014]

Organizational Activities in 2014:

1. 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.
2. Organized Post Graduate Pediatric Quiz on 'Lupus' in the National level Pediatric Rheumatology CME 2014 [A Day with Lupus] by IAP Rheumatology Chapter and West Bengal Academy of Pediatrics at Kolkata [May1 2014]

Training Programs attended:

1. Attended workshop cum training program on 'Basic Pediatric Intensive care Course" at Chittaranjan sishu sadan [March 24-25,2014]
2. Attended training program on "Hospital Based Disease Surveillance" held at IPGMER, Kolkata under 'Integrated Disease Surveillance Project (IDSP)' by National Centre for Disease Control [NCDC], Ministry of Health & Family Welfare, Govt. of India.

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

Pediatric Pulmonology and Rheumatology Clinic once weekly on Saturday

Dr. Suman Sarkar

Actively involved as Co-coordinator for the development of new PICU in the department

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

In-charge of PICU Follow Up Clinic run every Tuesday at Pediatric OPD

Training Programs attended:

1. Workshop cum training program on 'Basic Pediatric Intensive care Course" at Chittaranjan sishu sadan [March 24-25,2014]
2. Workshop on 'Pediatric and neonatal mechanical ventilation' at Kolkata Medical College [December 5-6,2014]

Other activities

Co-guide for the research project titled "Common Adverse reaction of drugs used in PICU" in collaboration with Dept. of Pharmacology.

Dr. Anirban Chatterjee

Contributed chapters in the book 'Essentials of Pediatric Oncology' second edition E-published in 2014

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

Dr. Arnab Biswas

Publications

1. Nandi S, Biswas A. Isolated Bilateral Abducent Nerve Palsy in Infectious Mononucleosis Indian Pediatr 2014;51: 499
2. Roy B, Biswas A, Chatterjee A, Pan A, Basu K. Infections in acute leukemia in Indian Children Journal of College of Medical Sciences Nepal. 2013 (9): 40-7

Service as Nodal Officer

1. Nodal officer (IPGME&R and SSKM Hospital UNIT) for WHO-AFP Surveillance Program
2. Nodal officer (Pediatric UNIT) ART Centre (IPGME&R and SSKM Hospital)

Organizational Activities in 2014:

1. 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.

Dr. Sarbani Roy Misra

Publications

Sarkar S, Roy **Mishra S**, Nandi M, Mondal R. E Coli Septic Arthritis: A Rare Complication in Pediatric Lupus J Pediatr Infect Dis 2013; 8:191-3.

Conference and Training Programs attended:

Workshop on Advanced Neonatal Ventilation & 18th Annual State conference WB Neocon 2014 Workshop on Practical Pediatric Oncology & 33 WB Pedicon 2014

Dr. Koushik Pramanik

Publications

Datta K, Karmakar M, Hira M, Halder S, **Pramanik K**, Banerjee G. Ghosal hematodiaphyseal dysplasia with myelofibrosis. Indian J Pediatr. 2013 Dec; 80(12):1050-2.

Training Program attended

1. Attended workshop on 'Pediatric and neonatal mechanical ventilation' at Kolkata Medical College [December 5-6,2014]

Service information

Total no. of Beds 90 –

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

- Total Annual Admission in Pediatric ward – 2546 [517 more than the previous year]
- Total Death – 159 [6.24 %]

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

Pediatric Intensive Care Unit (PICU) – 4 bedded at present

Dr. Suman Sarkar, Assistant Professor (In charge)

Dr. Arnab Biswas, assistant Professor, now posted in PICU

- Total Admission in PICU – 179
- Total patient ventilated – 74
- Total patient recovered from critical illness – 130
- Patient Survival Rate – 72.6 %

Pediatric medicine out patient department (OPD) and specialty clinic

Pediatric medicine OPD - Shifted to new complex in April 2014 – to the ground floor of Eastern Wing of Main Block

- Total annual attendance of patients: 32635 [4346 more than the previous year]
- Old patients – 11742
- New patients -20893

Admission days

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

Specialty clinics

Special Clinics	In Charge	Days and time
Pediatric Neurology	Dr. Dipankar Gupta	Thursday (1-2 pm)
Pediatric Pulmonology	Dr. Sumantra Sarkar	Saturday (1- 2 pm)
Pediatric Rheumatology	Dr. Sumantra Sarkar	Saturday (12- 1pm)
PICU follow up Clinic	Dr. Suman Sarkar	Tuesday (11-1 pm)

Well Baby & Immunization Clinic – Every Wednesday and Friday

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

1. Sambhu Nath Pundit Hospital – Regular round by the faculty staff for last 3 years
2. Khidirpur Maternity Home – Round the clock service by the doctors started from August 2014

Developmental activities

- A new improved 10 bedded PICU with 4 bedded HDU is coming up in the Alexandra Ward, 5th floor of the Main Block.

Paediatric Surgery

Staff

Dr. Ruchirendu Sarkar M.S., M.Ch	Professor & Head
Dr. Swarup Kumar Sinha Roy M.S., M.Ch.	Professor
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

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. Sunil Saxena M.S.	M.Ch. Trainee
Dr. Aloke Kumar Sinhababu DCH, M.S.	M.Ch. Trainee
Dr. Aneek Roychoudhury DNB	M.Ch. Trainee
Dr. Nirup Biswas M.S.	M.Ch. Trainee

House staff

Dr. Tarun Patra M.B.B.S.	House Staff
Dr. Sumit Ghosh M.B.B.S.	House Staff
Dr. Sucharita Chatterjee M.B.B.S.	House Staff

Faculty news

Dr. Ruchirendu Sarkar

Conference attended:

- 9th. Annual Conference cum Workshop of Paediatric Endoscopic Surgeons of India at SAIMS, Indore , M.P., 8th-10th February, 2014

Dr. Swarup Kumar Sinha Roy

Conference attended:

- Annual Conference of West Bengal Chapter of Indian Association of Paediatric Surgeons held at the K.P.C. Medical College, Kolkata on 13th. & 14th December 2014.

Dr. Rishavdeb Patra

Conference attended:

- Live Operative Workshop on ARM by Pena at Mumbai from 9th January to 11th January 2014
- 9th. Annual Conference cum Workshop of Pediatric Endoscopic Surgeons of India at SAIMS, Indore , M.P., 8th-10th February, 2014.
- Annual Conference of PUC-IAPSCON-14, held at Bangalore, on 1st. – 3rd. of August, 2014.
- Annual Conference of West Bengal Chapter of Indian Association of Pediatric Surgeons held at the K.P.C. Medical College, Kolkata on 13th. & 14th December, 2014

Service information

OPD: Tuesday, Thursday & Saturday

O.T. Days: Daily

Total OPD cases	Total OPD cases	Total admissions	Total operations
Paediatric Surgery New: 4906 Old: 5012	Neonatal Surgery New: 498 Old: 522	Paediatric Surgery: 812 Neonatal Surgery: 209	Paediatric Surgery: 924 Emergency: 40 Elective Major: 728 Elective Minor: 156 Neonatal Surgery: 134

Pathology

Staff

Faculty	Qualification	Post/Designation
Prof. Manoj Kumar Choudhury	MBBS, MD	Professor & HOD
Prof. Chhanda Datta	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. Ranajoy Ghosh	MBBS, MD	Demonstrator
Dr. Aniket Halder	MBBS, MD	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

Postgraduate (MD) trainees

3rd Year (2012-2015)	2nd Year (2013-2016)	1st Year (2014-2017)
<ul style="list-style-type: none"> Dr. Iftekhar Jalil Baig Dr. Ankita Sen Dr. Sharmistha Ray Dr. Kakali Saha Dr. Devasis Panda Dr. Madhumita Barua Dr. Abhishek Chowdhury Dr. Shabnam Parvin Dr. Abhijit Saha Dr. Saurav Sarkar Dr. Gaurav Chatterjee Dr. Apurba Banerjee Dr. Mausumi Kundu 	<ul style="list-style-type: none"> Dr. Soutrik Das Dr. Namrata Maity Dr. Utsha Senapati Dr. Deval Parekh Dr. Riju Bhattacharya Dr. Bobby Majumdar Dr. Asit Chakraborty Dr. Koushik Sarkar Dr. Piyabi Sarkar Dr. Ruby Sarkar Dr. Kamalika Bandopdhyay Dr. Gargi Mukherjee Dr. Mona Tirkey Dr. Saikat Bera 	<ul style="list-style-type: none"> Dr. Dipan Das Dr. Zeenat Ara Dr. Madhumita Paul Dr. Patricia Beso Dr. Piyali Podder Dr. Goutam Bera Dr. Mousumi Kar Dr. Madhu Kumari Dr. Soma Sabui Dr. Moumita Chatterjee

Transfers & postings

- Dr. Sumit Mitra had been promoted to the post of Associate Professor and transferred to B. M. C., Burdwan.
- Dr. Debashis Mukhopadhyay had been promoted to the post of Associated Professor and transferred to B. S. M. C., Bankura.

Faculty news

- Prof. Madhumita Mukhopadhyay has acted as an examiner of BHMS & MBBS of West Bengal University of Health Sciences.
- Prof. Asim Kumar Manna has acted as an internal examiner of DMLT final examination under State Medical Faculty.

Regular academic activities

Journal clubs and seminars are held on 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 also. Apart from classes of MBBS & MD pathology courses, pathology lecture classes of BPT, BSc (Nursing) and DMLT courses are taken by the teachers.

Thesis Publication by students and research scholar information

13 students have successfully completed MD Pathology course.

List of on-going research projects

Student	Guide	Topic
1. Dr. Iftekhar Jalil Baig	Prof A. K. Manna	Study of cervical cytology with special reference to proliferative markers(Ki67,PCNA)
2. Dr. Ankita Sen	Prof M. Mukhopadhyay	Cytological evaluation of pituitary tumours with H.P correlation and immunological assessment with Ki67,p53,ACTH,GH.
3. Dr. Sharmistha Ray	Prof P. Mitra	Prevalence of p53 mutation in head and neck cancer in a tertiary care hospital in eastern India
4. Dr. Kakali Saha	Prof U. Chatterjee	Study of histopathological features and ER,PR,Her2 neu,Ki67 status following NACT
5. Dr. Devasis Panda	Dr. R. Saha	Cytological and histological findings in cervical lymph node micrometastasis by cytokeratin
6. Dr. Madhumita Barua	Dr. T. K. Ghosh	Clinicopathological study of gastric ca with special reference to H Pylori infection
7. Dr. Abhishek Chowdhury	Dr. D. Chakraborty	Study of comparison between toluidine blue staining and MGG of imprint smears of bronchoscopic biopsy with H.P correlation
8. Dr. Shabnam Parvin	Dr. S. Roy	Study of spectrum of proliferative lesion in endometrium in a tertiary hospital with special reference to hormone receptor status and proliferative activity(ER,PR,PCNA,Ki67)
9. Dr. Abhijit Saha	Prof M. Mukhopadhyay	Comparison between FNAC and core needle biopsy for diagnosing breast ca in light of immune markers (ER,PR,Her2neu and Ki67)
10. Dr. Saurav Sarkar	Prof C. Datta	Correlation of squash and H.P for brain tumours with H&E, LG&PAP
11. Dr. Gaurav Chatterjee	Prof C. Datta	Spectrum of breast ca patients according to molecular classification from immunohistochemical approach with special reference to NFkb expression
12. Dr. Apurba Banerjee	Dr. T. K. Ghosh	Study of premalignant & malignant cervical lesions with special reference to proliferative activity & HPV status
13. Dr. Mausumi Kundu	Prof Pradip Kumar Mitra	Co-expression of CDX-2 & Ki-67 in Gastric Carcinoma: correlation with clinicopathological parameters & histological grades.
14. Dr. Kamalika Bandyopadhyay	Prof Pradip Kumar Mitra	Incidence of parathyroid adenoma and carcinoma among patients of symptomatic primary hyper parathyroidism
15. 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
16. Dr. Piyabi Sarkar	Prof Manoj Kumar Chowdhuri	Aldehyde Dehydrogenase 1 (LDH1) as a bio marker in breast carcinoma
17. Dr. Saikat Bera	Prof C. Datta	Intra operative squash cytology of CNS tumors with special emphasis on immunostains
18. Dr. Mona Tirkey	Prof C. Datta	Role of p16/Ki 67 dual immunostaining in detection of cervical cancer precursors
19. Dr. Kaushik Sarkar	Prof M. Mukhopadhyay	Spectrum of breast carcinoma in relation to ER,PR, HER2neu stains with special emphasis on triple negative subtypes.
20. Dr. Namrata	Prof M.	Spectrum of pediatric renal tumors with special reference to WT1

Maity	Mukhopadhyay	immunostaining in Wilms Tumors.
21. Dr. Soutrik Das	Prof U. Chatterjee	Utility of IDH1 expression in human gliomas.
22. Dr. Bobby Mazumder	Prof U. Chatterjee	Significance of interstitial cells of <i>cajal</i> in chronic constipation of childhood.
23. 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.
24. Dr. Ruby Sarkar	Dr. R. Saha	A study on cytological histological & biochemical correlation and expression of galactin3 in thyroid disease.
25. Dr. Deval Parekh	Prof A. K. Manna	Morphometric study of epithelial lesions of cervix special reference to proliferative activity.
26. Dr. Asit Chakraborty	Prof A. K. Manna	Morphometry of epithelial lesions of endometrium with special reference to proliferative activity (Ki67 & PCNA)
27. 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.

Service information (from 01.01.2014 to 30.11.2014)

Routine	
Routine blood –	39767
Routine stool (Mainly OBT) –	947
Routine urine -	22078
CSF & fluids -	1655
Malaria -	3531
Prothrombin Time -	4320
Blood Grouping	1728
Total	74026
Histopathology	
Specimen	6284
Routine slides including review	20100
Special stains	269
Review slides	124
Immunohistochemistry (done for academic cases only)	284
Total	27057
Serology, Chemical Pathology & HLA	395

Hematology	
Routine blood	74759
Bone Marrow	430
Special tests	8135
Total	83324
Cytopathology	
FNAC including CT & USG guided & Review	2228
Fluid & Exfoliative cytology	2553
Review	142
Total	4923
Grand total	115699

Thalassemia screening

1. total screened	6203
2. normal	5231
3. β thalassemia carrier	391
4. HbE carrier	287
5. HbS carrier	24
6. β thalassemia	8
7. HbS- β thalassemia	4
8. Others	258

Pharmacology

1. Staff & Scholars

Faculty

Prof. Amal Kanti Das MBBS, MD
 Prof. Tapasjyoti Ray MBBS, MD
 Prof. Mitali Chatterjee MBBS, MD, PhD, MAMS
 Prof. Suparna Chatterjee MBBS, DTMH, MD
 Prof. Avijit Hazra MBBS, MD
 Dr. Amrita Sil MBBS, MD
 Dr. Avjit Kundu MBBS, MD
 Dr. Tridib Kumar Ray MBBS
 Dr. Chaitali Sengupta MBBS
 Dr. Sreya Todi MBBS
 Dr. Ranjan Basu MBBS, MD
 Dr. Sarbajit Mazumder MBBS
 Dr. Mithilesh Halder MBBS MD

Post / Designation

Professor & Head (Head from 01.05.2013)
 Professor (from 16.08.2013)
 Professor
 Professor
 Professor
 Assistant Professor
 Assistant Professor (joined 11.12.2014)
 Demonstrator
 Demonstrator
 Demonstrator (joined 18.03.2014)
 Demonstrator (joined 03.06.2014)
 Demonstrator (joined 03.06.2014)
 Demonstrator (joined 19.03.2014, transferred 10.12.2014)

Postgraduate trainees

Dr. Sourav Das Chowdhury MBBS
 Dr. Ayan Kumar Pati MBBS
 Dr. Alak Kumar Das MBBS
 Dr. Sohel Rana MBBS, DCH
 Dr. Kaushik Mukherjee MBBS
 Dr. Sandip Baidya MBBS, DCH
 Dr. Bikramjit Barkondaj MBBS
 Dr. Nafisha Yasmin MBBS
 Dr. Subhrangsu Chatterjee MBBS
 Dr. Lily Dubey MBBS
 Dr. Chandrakona Bandyopadhyay MBBS, DLO
 Dr. Vivek Kumar Verma MBBS
 Dr. Manjari Kumari MBBS
 Dr. Amritendu Mondal MBBS
 Dr. Anindita Pal MBBS
 Dr. Banhisikha Adhikary MBBS
 Dr. Monalisa Dhuya MBBS

MD PGT 2012-15
 MD PGT 2012-15
 MD PGT 2012-15
 MD PGT 2012-15
 MD PGT 2012-15
 MD PGT 2012-15
 MD PGT 2013-16
 MD PGT 2013-16
 MD PGT 2013-16
 MD PGT 2013-16
 MD PGT 2013-16
 MD PGT 2013-16
 MD PGT 2014-17
 MD PGT 2014-17
 MD PGT 2014-17
 MD PGT 2014-17
 MD PGT 2014-17

Research scholars

Dr. Tapas Kumar Sur MSc, PhD
 Mr. Alak Manna MSc
 Mr. Debanjan Mukhopadhyay MSc
 Ms. Sunanda Kundu MSc
 Ms. Susmita Ghosh MSc
 Ms. Susmita Roy MSc
 Ms. Soumita De Mpharm
 Mr. Shibabrata Mukherjee MSc
 Ms. Sritama De Sarkar MSc
 Ms. Sneha Mitra MSc
 Ms. Indrani Chakraborty MSc
 Mr. Bodhisatta Chakraborty

Postdoctoral Research Scholar
 Senior Research Fellow
 Senior Research Fellow
 Senior Research Fellow
 Senior Research Fellow
 Senior Research Fellow
 Junior Research Fellow
 Junior Research Fellow
 Junior Research Fellow
 Junior Research Fellow
 Junior Research Fellow
 Junior Research Fellow
 Junior Research Fellow
 Coordinator – Pharmacovigilance Programme

Medical Technologists (Laboratory)

Mr. Debajyoti Paharai
 Mr. Anup Samanta

M.T. (Lab) (from 12.08.2013)
 M.T. (Lab) (from 13.08.2013)

Other non-teaching staff

Mr. Tapan Kumar Ghosh
 Mr. Md. Rahatulla

GDA
 GDA

2. Transfers and postings

Name of officer	Transferred from / to	Joining / Release date
Dr. Ranjan Basu	Joined as Demonstrator on completion of TR period	Joined on 03.06.2014
Dr. Sarbajit Mazumder	Joined as Demonstrator on completion of TR period	Joined on 03.06.2014
Dr. Sreya Todi	Joined as Demonstrator	Joined on 18.03.2014
Dr. Mithilesh halder	Joined as demonstrator; Promoted and transferred to Murshidabad Medical College	Joined on 19.03.2014, transferred 10.12.2014
Dr. Avjit Kundu	Joined as Assistant Professor	Joined on 11.12.2014

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 at IPGME&R, Kolkata.
- MD Pharmacology Thesis Adjudicator for the West Bengal University of Health Sciences, Kolkata and Belgaon University, Karnataka.

Dr. Mitali Chatterjee

- Awarded HRD Fellowship, ICMR, Govt. of India
- Elected Fellow, West Bengal Academy of Science & Technology
- Invited speaker, 'Host immunity is regulated by alternatively activated macrophages in Indian Post Kala-Azar Dermal Leishmaniasis'. Annual Meeting of British Society of Parasitology, Cambridge, UK. April, 2014.
- Elected Fellow, West Bengal Academy of Science & Technology
- Invited speaker, 'Macrophage plasticity in Indian Post Kala-Azar Dermal Leishmaniasis (PKDL). Molecular Parasitology, Jawaharlal Nehru University, New Delhi
- Invited speaker, 'Impact of prolonged antimonial therapy on Indian PKDL'. 63rd meeting of the American Society of Tropical Medicine & Hygiene, New Orleans, USA.
- Travel Grant, ICMR, Govt. of India to attend 63rd meeting of the American Society of Tropical Medicine & Hygiene, New Orleans, USA.
- Invited speaker, Correlation of oxidant status and molecular damage with disease activity score in patients with Rheumatoid Arthritis, Immunocon, Sept 2014,
- Invited speaker, Analyzing protein phosphorylation by flow cytometry: A revolutionary approach. Centre for Research in Nanoscience & Nanotechnology, Kolkata, September 2014
- Invited speaker, Leishmaniasis and phagocytes: A marriage of convenience. Centre for Research in Nanoscience & Nanotechnology, Kolkata, December 2014
- Invited speaker, Can Piper betle (Paan) be effective against Rheumatoid arthritis? Rasthraguru College, Barrackpore, December 2014
- Invited speaker, Piper betle, a potent anti-arthritis agent. Dept. of Biotechnology, Techno India December 2014
- Served as Director-in-charge, Biomedical Genomics Centre (through National Institute of Biomedical Genomics), Dept. of Biotechnology, Govt. of India, till May 2014.
- Serving as Scientific Adviser, Dept. of Biotechnology, Govt. of West Bengal
- Serving as Member Secretary, Departmental Technical Committee (R&D), Dept. of Biotechnology, Govt. of West Bengal
- Served as Convener, 'Biotechnological opportunities offered to Science & Technology departments' BOOST infrastructural support scheme, Dept. of Biotechnology, Govt. of West Bengal
- 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 Vice President, The Cytometry Society of India, President-elect 2015
- Served as Examiner for Pharmacology examination, 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.
- Served as Member, Biosafety Committee of Indian Institute of Chemical Biology (IICB), 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, Journal of antimicrobial therapy

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
2	Role of IL-10 and T regulatory cells in the immunopathogenesis of Indian post kala-azar dermal leishmaniasis (PKDL).	2010-14	CSIR, Govt. of India
4	Evaluation of molecular and diagnostic markers for monitoring of post kala-azar dermal leishmaniasis (PKDL) in West Bengal.	2012-15	ICMR, Govt. of India
5	Therapeutic effectiveness of allylpyrocatechol (APC) in experimental models of arthritis.	2012-15	DBT, Govt. of India
6	Malabaricones as potential anticancer agents.	2013-16	DST, Govt. of West Bengal

Dr. Suparna Chatterjee

- Served as 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.
- Coordinator of ADR Monitoring centre (AMC) of the Government of India Pharmacovigilance Program of India (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.
- 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.
- Served as external expert for Indian Pharmacopoeia Commission, Govt. of India for recruitment of Technical Associates.
- Invited speaker at the Indian Pharmacological Society Odisha State Branch, at Cuttack, November 2014.
- Nov 18: Coordinator and speaker at Pharmacovigilance Workshop on Resource development at IPGMER Kolkata.
- Nov 19: Invited speaker on "Clinical Trial Related Injury" at Jadavpur University.
- Dec 8-9: Speaker and participant at the WHO India country office, WHO-UMC, Sweden and Indian Pharmacopoeia Commission sponsored Training on Signal Detection in Pharmacovigilance at Ghaziabad
- Dec 13-14: Participated in National Consultative meeting on Revision of National List of Essential Medicines, at Calcutta School of Tropical Medicine, Kolkata.
- Dec 28-30: Invited speaker at the 47th Annual Conference of the Indian Pharmacological Society, Guwahati.
- In addition to projects of concerned MD pharmacology students, served as Principal Investigator / Co-Investigator of following research projects with extramural funding:
 - R. D. Birla Smarak Kosh Research Project titled 'MDR1 polymorphism with antitubercular drug induced hepatotoxicity in eastern Indian population' [Completed].

- Principal investigator of observational study entitled "Assessment of Non-Steroidal Anti-Inflammatory Drug (NSAID) induced Gastrointestinal, Renal and Cardiac complications: A multicentric cross- sectional Observational study " [Completed].
- DBT, Government of India Task Force Research project titled 'Effect of probiotics on carriage of extended spectrum beta lactamase producing enterobacteriaceae in neonatal gut: a randomized controlled trial at a tertiary care neonatal intensive care unit' [Ongoing; serving as Co-Investigator].
- 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).

Dr. 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, 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 Srimanta Sankaradeva University of Health Sciences (Guwahati).
- External Examiner for MD Pharmacology Examination of Manipur University, Imphal.
- Faculty for the Medical Teachers Training Courses organized by the Institute of Health & Family Welfare, Government of West Bengal.
- Guest Faculty for Diploma in Health & Family Welfare and Diploma in Health & Family Welfare Management courses course conducted 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 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, Indian Journal of Dermatology and Indian Journal of Physical Medicine & Rehabilitation.
- Served on interview panel for EBMEs Departmental Promotion Interviews at Swyastha Bhavan, Kolkata.
- Served as member, Project Review Panel, of the Tea Board of India.
- Feb 2: Served as invited speaker on 'Biostatistics' in 'Publish or perish' : Basic workshop on the principles and practice of clinical research organized by the Dept. of Orthopedics, Medical College, Kolkata.
- Feb 14: Conducted workshop on 'Biostatistics' on behalf of Association of Chest Physicians, West Bengal, at R. G. Kar Medical College, Kolkata. Jointly conducted with Dr. Rajendran K of NICED, Kolkata.
- Feb 22-23: Faculty at Indian Academy of Dermatology, Venereology & Leprology (IADVL) Research Methodology Workshop at Command Hospital, Kolkata.
- Feb 27-28: Organized workshop on 'Biostatistics & Research Methodology' on behalf of Medical Education Unit, IPGME&R, Kolkata.
- Mar 22: Invited speaker on 'Biostatistics' at FOGSI-JOGI-PICSEP Scientific Programme organized by Journal of the Federation of Obstetric & Gynaecological Societies of India (JOGI) and The Bengal Obstetric & Gynaecological Society (BOGS) at NRS Medical College, Kolkata.
- Apr 6: Presented a lecture on 'Causality assessment and reporting of ADRs' in the Cutaneous Adverse Drug Reaction Workshop organized by: "IADVL WB Branch" and "Special Interest Group Clinical Trials, IADVL Academy of Dermatology" at Hotel The Sonnet in Kolkata.
- Jun 14: Conducted preconference workshop on Biostatistics at 2nd Annual State Conference of Association of Physiologists and Pharmacologists of India at Medical College, Kolkata.
- Jul 7-8: Participated in 'Workshop on Medical Writing & Ethics' organized by the Institute of Health & Family Welfare, Government of West Bengal in collaboration with British Council, Kolkata. Presented a session on 'Clinical Trial Registration in India'. Other faculty included Dr. Peush Shani, Chief Editor, National Medical Journal of India and Dr. Anita Jain, Editor, BMJ India.
- Jul 25-26: Served as Internal Examiner for WBUHS DM Clinical Pharmacology examination at STM, Kolkata [The first DM Clinical Pharmacology examination in eastern India].

- Jul 27: Invited presentation on 'Biostatistics & Research Methodology' at 28th Annual Scientific Meeting of Vivekananda Institute of Medical Science at R. K. M. Seva Pratishthan Hospital, Kolkata.
- Aug 17: Presented brief session on 'Pharmacological management of dementia' in the 'Update on Dementia' symposium organized jointly by Association of Physicians of India (West Bengal Branch), Alzheimer's & Related Disorder Society of India (ARDSI) Calcutta Chapter and Indian Academy of Geriatrics West Bengal Chapter at Hotel Hindustan International, Kolkata.
- Dec 13-14: Participated at National Consultative meeting on Revision of National List of Essential Medicines, at Calcutta School of Tropical Medicine, Kolkata.
- Dec 8: Represented IPGME&R on invitation by Ministry of Human Resource Development, Govt. of India, for the National Technology Enhanced Learning project at IIT, Delhi.
- Dec 28-30: Invited Speaker / Chairperson / Judge at various sessions of the preconference workshop and 47th Annual Conference of Indian Pharmacological Society at Guwahati. Conducted the National Pharmacology Quiz.
- Dec 29: Participated in National Consultative meeting on Revision of National List of Essential Medicines, at Guwahati Medical College, Guwahati.

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
2	Studies of some marine flora of the Sunderbans. [Ongoing; Principal Investigator]	2012-14	DST, Govt. of West Bengal
3	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
4	Antibiotic sentinel surveillance project [Scheduled to commence with Prof. Raja Ray of Dept. of Microbiology, IPGME&R, as Principal Investigator; Co-Investigator]	2014-17	ICMR, Govt. of India

Dr. Amrita Sil

- Conferences/ workshops attended:
 - Training program in Pharmacovigilance on 18.11.2014 held at East Zone Regional Centre for training and technical support, Department of Pharmacology, IPGME & R, Kolkata
 - IPSCON 2014, National conference of Indian Pharmacological Society at Guwahati Medical College, Guwahati, Assam held on 28.12.2014 to 30.12.2014
- Presentation at conferences:
 - Sil A, Bhattacharya S, Mishra V, Poddar I, Das NK. Immunotherapy in viral warts with intradermal BCG vaccine versus intradermal Tuberculin PPD: A double-blind, randomized controlled trial comparing the effectiveness and safety in a tertiary care centre in Eastern India. In: U K Seth Prize session, 47th Annual Conference of Indian Pharmacology Society, 28th -30th December 2014, Guwahati, Assam.
- Awards/Distinctions received:
 - U. K Seth Award for the best paper presented on Clinical Pharmacology in IPSCON (National conference of Indian Pharmacological Society), Guwahati, 28 – 30th December, 2014.
- Co-investigator of the following projects currently ongoing in collaboration with various departments within and outside IPGME&R.
 - Evaluation of precision of pediatric liquid dosage forms.
 - Effectiveness and safety of acyclovir in Pityriasis rosea.
 - Molecular epidemiological study for evaluating role of potential host factors as markers of susceptibility of leprosy in West Bengal, India.
 - Effectiveness and safety of autoinoculation in cutaneous warts.
 - Effectiveness and safety of BCG vaccination vs. PPD in cutaneous warts.

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.

Publication by faculty, students and research scholars

1. Mukherjee S, Mukhopadhyay D, Braun C, Barbhuiya, JN, Das , Chatterjee U, von Stebut-Borschitz E, Chatterjee, M. Decreased presence of Langerhans cells are critical determinants for Indian Post kala-azar dermal leishmaniasis. *Exp Dermatol*. 2014 (accepted).
2. Singh N, Chatterjee M, Sundar S. The overexpression of genes of thiol metabolism contribute to drug resistance in clinical isolates of visceral leishmaniasis (kala azar) in India. *Parasites & Vectors*. 2014 Dec 17;7(1):596.
3. Mandal G, Chatterjee C, Chatterjee M. Evaluation of anti-inflammatory activity of methanolic extract of leaves of *Bougainvillea spectabilis* in experimental animal models. 2014; 7: 18-22.
4. Roy S, Mukhopadhyay D, Mukherjee S, Ghosh S, Kumar S, Sarkar K, Pal D, Bhowmik P, Mandal K, Modak D, Guha SK, Pramanik N, Goswami RP, Saha B, Chatterjee M. A defective oxidative burst and impaired antigen presentation are hallmarks of human Visceral Leishmaniasis. *J Clin Immunol* 2014 PMID: 25479930
5. DasGupta S, Mukherjee S, Das RN, Chatterjee U, Chatterjee M. Perineurial infiltration: not always leprosy. *Annals of Tropical Medicine and Public Health* 2014 (accepted)
6. Rahaman M, Ghosh S, Dhar Chowdhury L, Chatterjee M. Evaluation of antileishmanial activity of Artemisinin combined with Amphotericin B or Miltefosine in *Leishmania donovani* promastigotes. *Int J Basic & Clin Pharmacol* 2014; 3: 1-5.
7. Das S, Banerjee K, Roy S, Majumder S, Chatterjee M, Majumdar S, Choudhuri SK. Mn Complex-mediated enhancement of antitumor response through modulating myeloid-derived suppressor cells in drug-resistant tumor. *In Vivo*. 2014;28:909-918.
8. Datta S, Kundu S, Ghosh P, De S, Ghosh A, Chatterjee M. Correlation of oxidant status with oxidative tissue damage in patients with Rheumatoid Arthritis. *Clin Rheumatol* 2014; 33:1557-1564.
9. Chakraborty P, Das S, Banerjee K, Sinha A, Roy S, Chatterjee M, Choudhuri SK. A copper chelate selectively triggers apoptosis in myeloid-derived suppressor cells in a drug-resistant tumor model and enhances antitumor immune response. *Immunopharmacol Immunotoxicol*. 2014;36:165-75.
10. Mukhopadhyay D, Dalton J, Kaye PM, Chatterjee M. Post kala-azar dermal leishmaniasis: an unresolved mystery. *Trends Parasitol* 2014;30: 65-74.
11. Banerjee K, Ganguly A, Chakraborty P, Sarkar A, Singh S, Chatterjee M, Bhattacharya S, Choudhuri SK. ROS and RNS induced apoptosis through p53 and iNOS mediated pathway by a dibasic hydroxamic acid molecule in leukemia cells. *Eur J Pharm Sci*. 2014; 52:146-64.
12. Das I, Saha K, Mukhopadhyay D, Roy S, Raychaudhuri G, Chatterjee M, Mitra PK. Impact of iron deficiency anemia on cell-mediated and humoral immunity in children: A case control study. *J Nat Sci Biol Med*. 2014; 5:158-163.
13. Pradhan R, De S, Mukherjee S, Chatterjee M, Chatterjee S. Can systemically generated reactive oxygen species help to monitor disease activity in generalized vitiligo? – A pilot study. *Ind J Dermatol* 2014; 59: 547-551.
14. Maity N, Ghosal MK, Gupta A, Sil A, Chakraborty S, Chatterjee S. Clinical effectiveness and safety of escitalopram and desvenlafaxine in patients of depression with anxiety: A randomized, open-label controlled trial. *Indian J Pharmacol* 2014; 46:433-7.
15. Choudhury S, Pradhan R, Paul P, Das M, Gupta A, Ghosh P, Chatterjee S. Profile of Levodopa induced dyskinesia in patients of Parkinson's disease: A record based study. *Neurol Res*. 2014 Sept 36:841-6.
16. Viswanathan R, Singh AK, Basu S, Chatterjee S, Roy S, Isaacs D . Multidrug resistant non-fermenting gram negative bacilli in neonatal sepsis in Kolkata, India, a 4 year study. *Paediatr Int Child Health* 2014; 34:56-9. doi: 10.1179/2046905513Y.0000000072.
17. Pradhan R, De S, Choudhury N, Ghosh AP, Chatterjee M, Chatterjee S, Chatterjee G. Can systemically generated reactive oxygen species act as a surrogate marker for disease activity in generalized vitiligo? A pilot study. *Indian J Dermatol* 2014 ; 59(6):547-551.
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28. Adhikari UR, Taraphder A, Das T, Hazra A. An exploratory study to identify factors associated with noncompliance of medications and recommended lifestyle behavior after renal transplantation - a pilot study. *Int J Nursing Edu* 2014; 6: 73-7.
29. Hazra A. Schedule H1 – Hope or hype? [Editorial]. *Indian J Pharmacol* 2014; 46: 361-2.
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39. Sil A, Das NK. Sorafenib-induced hand-foot syndrome in a patient of renal cell carcinoma. *Indian J Pharmacol* 2014;46:334-6.
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43. Lal NR, Sil A, Gayen T, Bandyopadhyay D, Das NK. Safety and effectiveness of autoinoculation therapy in cutaneous warts: A double - blind, randomized, placebo - controlled study. *Indian J Dermatol Venereol Leprol* 2014;80:515-20.

Books and book chapters

Hazra A, Rege N. Practical pharmacology for undergraduate medical students. New Delhi: Wiley India; 2014.

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. Currently two batches of students – third and fifth are being catered to.

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 and the aging computer network in the department has been revamped.

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, 2014, leading to award of MD degree.

Dr. Soumya Chatterjee	Efficacy and safety of Febuxostat for retarding disease progression in Chronic Kidney Disease (CKD) with asymptomatic Hyperuricemia: a double blind, randomized, placebo controlled trial.
Dr. Satabdi Pandey	Evaluation of the effectiveness and safety of silodosin in comparison to tamsulosin in benign prostatic hyperplasia.
Dr. Sudipta Kumar Dey	Comparative evaluation between 2 g single dose azithromycin and standard azithromycin dosing in uncomplicated skin and soft tissue infections.
Dr. Richeek Kumar Pradhan	Evaluation of immunological biomarkers for monitoring of neonatal sepsis.
Dr. Subhro Pandey	Evaluation of effectiveness and safety of a guggul-based formulation in the treatment of hyperlipidemia in comparison to atorvastatin

Drs. **Amritendu Mondal, Manjari Kumari, Banhisikha Adhikary, Anindita Pal** and **Monalis Dhuya** (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 safety evaluation of certain proprietary polyherbal formulations and screening of pharmacological activity of selected marine flora of the Sunderbans.

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]
2	Sunanda Kundu	ICMR SRF, Govt. of India Dr. Mitali Chatterjee	Effectiveness of allylpyrocatechol in inflammation associated disorders. [Completed]
3	Alak Manna	ICMR SRF, Govt. of India, Dr. Mitali Chatterjee	Anti-cancer potential of plant derived compounds with pro-oxidant activity.
4	Soumita De	DBT, Govt. of India Dr. Mitali Chatterjee	Therapeutic effectiveness of allylpyrocatechol (APC) in experimental models of arthritis.
5	Susmita Ghosh	DST, Govt. of India Dr. Mitali Chatterjee	Development of biomarkers in Indian leishmaniasis.
6	Susmita Roy	Dr. Mitali Chatterjee, CSIR-NET	Evaluation of monocyte functions in Indian Visceral Leishmaniasis
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	Sritama De Sarkar	DST, Govt. of West Bengal Dr. Mitali Chatterjee	Malabaricones as potential anticancer agents.
9	Sneha Mitra	INSPIRE Fellowship (DST, Govt. of India) Dr. Mitali Chatterjee	New insights into the pathophysiology of vitiligo.
10	Indrani Chakraborty	CSIR-NET Dr. Mitali Chatterjee	Role of iron in <i>Leishmania</i> biology.
11	Tapas Kumar Sur	DSE, Govt. of West Bengal Dr. Avijit Hazra	Studies on some marine flora of the Sunderbans

7. Other information – Programs / Conferences / Workshops

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

Jan 20: Faculty and students participated in Workshop on “Analytical Technique For Biological Matrix” organized by Department of Veterinary Pharmacology and Toxicology, West Bengal University of Animal & Fishery Sciences at its Mohanpur Campus, Nadia.

Nov 18: Department organized Pharmacovigilance Resource Development Workshop at IPGME&R Kolkata with participations of Central Drugs Standard Control Organization (CDSCO), East Zone, and Indian Pharmacopoeia Commission, India.

Dec 28-30: Faculty and students participated in 47th Annual Conference of Indian Pharmacological Society (IPS) at Guwahati. Dr. Amrita Sil, Assistant Professor, won the U. K. Seth Award of IPS for presenting the best paper in clinical pharmacology. Dr. Sourav Das Chowdhury, PGT, was a member of the winning team of the National Pharmacology Quiz.

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

B) Postgraduate (MD) trainees

Dr. Tuhin Ray 2012- 2015	Dr. Md Anwar Sadat Halder 2013- 2016
Dr. Soumyadip Ghosh 2012-2015	Dr. Sayani Halder 2014-2017
Dr. Siddhartha Sinha Roy 2012-2015	Dr. Subhasish Pati 2014-2017
Dr. Saurav Kanti Sinha 2013- 2016	Dr. Labani Biswas 2014-2017
Dr. Swarnali Mandal 2013- 2016	

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

2. Faculty news

Prof. R. N. Halder

- Editor: Indian Journal of Physical Medicine and Rehabilitation
- 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

Conferences:

- Attended and delivered guest lecture and chaired 42nd Annual national conference of IAPMR (IAPMRCON-14) held in Chennai during January
- Attended and guest speaker in International conference of AOCPPA in Bangkok in December 2014
- Attended and chaired National Mid-term CME of IAPMR held in Bhopal during September 14.
- Attended and guest lecture East zone conference of IRA (EZCON-14) held in Bhuvaneshwar during September 2014.
- Attended as faculty Annual National conference of IRA (IRACON-14) held in Chandigarh during December 2014
- Attended and guest speaker east zone IRA CME at Ranchi march 2014

Publications: 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, IEST, Shibpur.

Conferences:

- Attended and delivered guest lecture in 42nd Annual national conference of IAPMR (IAPMRCON-14) held in Chennai during January
- Attended and presented paper in International conference of AOCPRM in Bangkok in December 2014
- Attended as faculty in CONCORD 2014 on August in Kolkata.
- Attended Annual National conference of IRA (IRACON-14) held in Chandigarh during December 2014
- Attended IDEACON 2014 during July in Kolkata

Publications: Publications in IJPMR and review article in New Born.

Dr. S. K. De

- Attended National Mid-term CME of IAPMR held in Bhopal during September 14.
- Attended Annual National conference of IRA (IRACON-14) held in Chandigarh during December 2014.

3. Regular departmental activities

i) Indoor service: Comprehensive rehabilitation is provided for neurological disability due to stroke, traumatic brain injury, spinal cord injury, GB syndrome, peripheral neuropathy, myasthenia gravis etc. and musculoskeletal disability due to traumatic and inflammatory disorder and amputations. Daily physiatric assessment, expertise focused therapy, proper orthotic and prosthetic fitting and physiatric intervention including regional block, specific pain intervention, phenol block are offered to our differently abled patients. We have 30 PMR indoor beds.

ii) Other 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	

4. Thesis

SN	Title of Thesis	PGT and session	Guide	Co Guide
1	Assessment of clinical and urodynamic improvement pattern in patients of detrusor sphincter dyssynergia after pudendal nerve block with 5% aqueous phenol.	Saurav Kanti Sinha 2013-2016	Prof. R N Haldar	Dr. R Pramanik Dr. T Ahmed
2	Effectiveness of intra-articular versus intramuscular depot methylprednisolone administration in functional improvement of hand of rheumatoid arthritis patients.	Swarnali Mandal 2013-2016	Prof. R N Haldar	Dr. B Ghosh Dr. P P Das
3	Effect of comprehensive cardiac rehabilitation in uncomplicated post-CABG patients.	Md. Anwar Sadat Halder 2013-2016	Dr. Angshuman Mandal	Dr. R Pramanik

5) Service information

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

OPD attendance Total attendance 41233 Maximum attendance / day 291

Indoor patient: total admitted 206 Referral indoor patient management 1688

Procedures / investigations performed

- Local infiltration – Thursday & Saturday (avg 18/day)
- Muscle nerve Testing / SD curve – every Saturday (avg 10/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 – 205
Exercise Therapy / Demonstration 16628
Electrotherapy 9461
Occupational therapy: Daily as per PMR prescription from December 2014

Physiology

Faculty

1.	Dr. Utpal Kumar Datta, M.D.	Professor & Head
2.	Dr. Manika Sadhu, D.G.O., M.D.	Professor
3.	Dr. Sangita Sen, M.D., Ph.D.	Professor
4.	Dr. Ardhendu Mazumdar, M.D.	Associate Professor
5.	Dr. Shubhankar Kumar, M.D., D.N.B.	Associate Professor
6.	Dr. Deepankshu Shekhar Mandal	Associate Professor
7.	Dr. Md. Mahboob Alam, M.D.	Assistant Professor
8.	Dr. Jayati Das, M.D.	Assistant Professor
9.	Dr. Debdeep Dasgupta	Assistant Professor
10.	Dr. Subrata Nag, M.B.B.S., M.D.	Demonstrator
11.	Dr. Baidyanath Ghosh Dastidar, M.B.B.S.	Demonstrator

Postgraduate Trainees

1.	Dr. Arani Das	PGT 2012-2015
2.	Dr. Rama Das	PGT 2012-2015
3.	Dr. Debanjana Chowdhury	PGT 2012-2015
4.	Dr. Subhamitra Moulik	PGT 2012-2015
5.	Dr. Madhusmita Boro	PGT 2013-2016
6.	Dr. Chandan Biswas	PGT 2013-2016
7.	Dr. Manik Chandra Ghosh	PGT 2013-2016
8.	Dr. Gouranga Sardar	PGT 2013-2016
9.	Dr. Prasenjit Majumdar	PGT 2013-2016
10.	Dr. C. Biakhulpuii	PGT 2014-2017
11.	Dr. Manaswee Ray	PGT 2014-2017
12.	Dr. Sanchari Ghosh	PGT 2014-2017
13.	Dr. Aparajita Mitra	PGT 2014-2017
14.	Dr. Uday Sarkar	PGT 2014-2017

Courses conducted by the department

- MBBS (150 seats)
- MD (5 seats)
- BSc (Nursing)
- BPT
- 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.

Research activities

Prof. (Dr.) Utpal Kumar Datta

a) Guiding Thesis work of the following PGT:

- Dr. Chandan Biswas: Working on thesis titled "A study of autonomic functions in type 2 Diabetes Mellitus patients".

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 Chakraborti, 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.
- Banerjee, S. And Datta, U. K. (2011): Relationship of ABO Blood Groups with Ischaemic Heart Disease. *Indian Medical Gazette*, CXLV, 430-433.
- 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.) Manika Sadhu

a) Guiding Thesis work of the following PGTs:

- Dr. Subhamitra Maulik: Working on thesis titled "Comparative study of Pulmonary Function Tests in rural & urban areas of West Bengal".
- Dr. Madhusmita Boro: Working on thesis titled "Evaluation of autonomic functions in hypothyroid patients".

b) Publications:

- Bhattacharya T, Sadhu M et al (2010): Multifactorial origin & clinical presentation of epilepsy in West Bengal. *JIMA*: 108; 586-590
- Sarkar P, Sadhu M et al (2010) Sub-acute toxicity study of TIITS; a novel immunotherapeutic glycopeptides against glioma: *Adv. Pharmacol Toxicol (I)* 2010,1-10.

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. Debanjana Chowdhury: Working on thesis titled "Neuroelectrophysiological evaluation of Carpal Tunnel Syndrome before and after surgical intervention".
- Dr. Manik Chandra Ghosh: Working on thesis titled "Correlation of hypertension and insulin resistance with serum SFasL in patients with type 2 DM with peripheral neuropathy".

c) Publications:

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

Dr. Subhankar Kumar

Working at Rodent Memory Laboratory 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.

Currently in progress is a study on diet-induced Type II DM in Wister rats, in which 2 MD PGTs (Dr. Arani Das and Dr. Gaurango) are pursuing their thesis work. A new work on the effect of antihistaminic drugs on performance in Morris water maze is in progress.

Dr. Mehboob Alam

Projects:

- Working on the project titled "Spirometric assessment of pulmonary functions in patients of juvenile idiopathic arthritis."
- Working on the project "Spirometric assessment of pulmonary functions in paediatric and adolescent patients of systemic lupus erythematosus".
- 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.

Thesis submitted in 2014

- Dr. Arani Das : Title- Spatial memory and Tau-protein phosphorylation in hippocampus in sucrose induced rat model of type 2 Diabetes mellitus.
 - Dr. Rama Das :Title- Study of the effect of diabetes on Pulmonary function & correlation between the duration of diabetes and pulmonary function in type2 diabetic patients.
-

Plastic Surgery

Staff

1A. Faculty

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

1B. Senior Resident

Vacant

1C. Postdoctoral (MCh) trainees

Dr. Pritha Rakshit	2012-2015
Dr. Kinkar Munian	2012-2015
Dr. Y. K. Dewangan	2012-2015
Dr. Gouranga Datta	2012-2015
Dr. Aditya Kanoi	2012-2015
Dr. Subhakanta Mahapatra	012-2015
Dr. Vaibhav Jain	2013-2016
Dr. Manavi Mishra	2013-2016
Dr. Sushovan Saha	2013-2016
Dr. Jayanta Bain	2013-2016
Dr. Krishnanand Dhruw	2013-2016
Dr. Debashis Baitalik	2013-2016
Dr. Nikhil Kumar Das	2014-2017
Dr. Aditya Baksi	2014-2017 (Left Course)
Dr. Sudipta Bera	2014-2017
Dr. Vivek Gupta	2014-2017
Dr. Ashwani Kumar	2014-2015
Dr. Vishrabdha Margoj Chandrakant	2014-2017
Dr. Khan Rafat Ali	2014-2017

Passed MCh(Plastic Surgery) from WBUHS In July, 2014 & October, 2014

- Dr. Aswhin Alke Pai
- Dr. Raghavendra S.
- Dr. Narayanmurthy S.
- Dr. Deepesh Goyal
- Dr. Debtanu Bhattacharya

1D. Medical Officers & others

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

2. Transfers & postings

1. DR. Tibar Bandyopadhyaya	Promoted To Associate Professor	21/05/2014
2. DR. Debarati Chattapadhyaya	RMO cum Clinical Tutor	joined on 02/03/2014

3. Faculty news

Prof. B. K. Majumdar

Examiner, M.Ch. Examination (Exit), January 2014, Guwahati Medical College, Assam.

Examiner, M.Ch. Examination (Exit), May 2014, Patna Medical College.

Examiner, M.Ch. Examination (Exit), July 2014, NIMS, Hyderabad.

Examiner, M.Ch. Examination (Exit), July 2014, WBUHS, Kolkata.

Examiner, Dnb, Final Examination(Exit), May 2014, Trivandrum Medical College.

Examiner, Dnb, Part-I Examination(Exit), July 2014, New Delhi.

MCI Inspector, SRM Medical College, Kancheepuram, March, 2014.

MCI Inspector, SS Institute of Medical Sciences, Davangere, Karnataka, March, 2014.

Dr. Arindam Sarkar

Examiner, M.Ch. Examination (Exit), October 2014, WBUHS, Kolkata.

Dr. Tibar Banerjee

Examiner, M.Ch. Examination (Exit), October 2014, WBUHS, Kolkata.

5. Research projects

Study of Nano silver on Burn wound-with special reference to isolation of epidermal stem cells: its interaction with Nanosilver and impact on wound healing – Project sanctioned by Department of Science & Technology, Government of West Bengal.

Publications:

1. Use of Cadaveric skin allograft in management of deep burn wounds: our experience: International Journal of Basic and Applied Sciences: Vol-3, No.3 Dr. A.Sarkar,Dr. P.Rakshit,Prof. B.K.Majumdar,Dr. J.Bain,Mr. A.Adhya,Dr. J.K.saha, Dr. Y.K.dewangan
2. Roll of Combined Circumareolar Skin Excision and Liposuction in Management of High Grade Gynecomastia: Journal of Cutaneous and Aesthetic Surgery: Accepted on: 26.06.2014 Sarkar Arindam, Bain Jayanta, Bhattacharya Debtanu, S Raghavendra, Munian Kinkar, Dutta Gouranga, Naiyer J Ghulam, Ahmad Shamshad
3. Wound Epithelization model by 3D imaging: International journal of Research in Engineering and Technology: Vol:3, No.6 June 2014: Oindri Roy, Abhishek Adhya, Prof. B.K.Majumdar, Dr. Sudhin Roy
4. Nano Silver Over Extracellular Matrix of Wound & its Numerical Model: International journal of Research in Engineering and Technology: Vol:3, No.7 July 2014: Oindri Roy, Abhishek Adhya, Prof. B.K.Majumdar, Dr. Sudhin Roy
5. Epidermal Wound Assessment by Fuzzy Morphology & Imaging: International Journal of Science & Research: Vol:3, Issue:8, August, 2014 Oindri Roy, Abhishek Adhya, Prof. B.K.Majumdar, Dr. Sudhin Roy
6. Role of Combined Circumareolar Skin Excision and Liposuction in Management of High Grade Gynaecomastia: Journal of cutaneous and aesthetic surgery: Vol.7, No:2, June 2014: Arindam Sarkar, Jayanta Bain, Debtanu Bhattacharya, Raghavendra S. Kinkar Munian, Shamshad Ahmed
7. Nano Silver and its application on Burn Wound: International journal of Latest Trends in Engineering and Technology: Vol:4, No.2 July 2014: Oindri Roy, Abhishek Adhya, Prof. B.K.Majumdar, Dr. Sudhin Roy,
8. Healing of burn wound by topical treatment: A randomized controlled comparison between Silver sulfadiazine and Nano-crystalline silver: Journal of Basic and Clinical Pharmacy: Vol.6, No.1, December-2014: Abhishek Adhya, Jayanta Bain, Oindri Roy, Avijit Hazra, Souvik Adhikari, Gouranga Datta, Sudhin Roy, Prof. Bijay Kumar Majumdar,
9. Decadatorial of a burn center in central India: Journal of Natural Science: Vol-5: Issue No-1,Jan 2014: Jayanta Bain
10. Free thin anterolateral thigh flap for post burn neck contractures-A functional and aesthetic solution : Annals of Burns and Fire disasters: Accepted for publication: A.Sarkar, J. Bain, Jeelani Naiyer,D. Bhattacharya, Raghavendra S., J. Asha
11. Effect of Intense pulsed light on immature burn scars: A clinical study:IJPS: Vol.47:Issue-3, page-112: Arindam Sarkar, Yatindra Dewangan, Jayanta Bain, Pritha Rakshit, Krishnanand Dhruw, Sandip Kanti Basu, Jayanta Kumar Saha,Bijay Kumar Majumdar

6. Thesis projects

Eighteen thesis works are in the study phase by different post doctoral trainees:

1. Early excision and grafting versus conservative management in treatment of burns injury: a comparative study- Dr. Kinkar Munian: 2012-2015
2. Honey versus Silver Sulphadiazine in Superficial Burns Injury: A comparative study-Dr. Pritha Rakshit: 2012-2015
3. Perforator based fasciocutaneous flaps in the reconstruction of lower limb defects- Dr. Aditya Kanoi: 2012-2015
4. A comparative study of Nano-Silver gel dressing with conventional Silver Sulphadiazine dressing for burn wounds- Dr. Gouranga Datta: 2012-2015
5. Evaluation of various causes of deaths in burns patients by post-mortem findings- A comprehensive study: Dr. Subhakanta Mohapatra: 2012-2015
6. Role of intense pulsed light in immature burn scar: A prospective study- Dr. Yatindra Dewangan: 2012-2015
7. Comparative study of gluteal fasciocutaneous rotational flaps and myocutaneous flaps for the treatment of sacral pressure sores- Dr. Debasis Baitalik: 2013-2016
8. A study of post operative outcome of various techniques for reconstructive and aesthetic breast surgeries-Dr. Manavi Mishra: 2013-2016
9. Role of Nd:Yag laser in management of cutaneous vascular Malformations: A prospective study- Dr. Jayanta Bain: 2013-2016
10. Study on reconstruction of composite mandibular defects using free fibula flap in relation to functional & aesthetic outcome- Dr. Krashnanand Dhruw: 2013-2016
11. Study of various options for soft tissue defects of fingers-Dr. Vaibhav Jain:2013-2016
12. Study of ALT free flaps as a versatile flap for management of head & neck, truncal and extremities defects-Dr. Sushovan Saha: 2013-2016
13. A prospective comparative study of conventional versus mini transverse incision in carpal tunnel syndrome- Dr. Vivek Gupta: 2014-2017
14. A prospective study to evaluate factors affecting recovery of ulnar & median nerve after emergency repair- Dr. Aswhani Kumar: 2014-2017
15. A comparative study between collagen and conventional dressing in case of second degree burns injury- Dr. Nikhil Kumar Das: 2014-2017
16. Study of different treatment modalities for vascular malformations-Dr. Sudipta Bera: 2014-2017
17. Study of epidemiology of acid burns injury-Dr. Vishrabdha Margaj: 2014-2017
18. A study of surgical reconstruction of scalp defects-Dr. Khan Rafat Ali: 2014-2017

7. PhD projects: Guide: Prof. B. K. Majumdar

1	Study of advanced wound healing by nanosilver <u>2011 onwards</u>	Abhishek Adhya (WBUHS)
2	Study of wound healing & antibacterial activity of nanosilver on burn wound, <u>2011 onwards</u>	Chirasree Roy Choudhury (CU)
3	Studies on The efficacy & role of antimicrobial effects of nanosilver, <u>2011 onwards</u>	Tanushri Ghosh (CU)
4	Morphological study of nanosilver & nano-composite cognitive with biological system, <u>2011 onwards</u>	Oindri Ray (CU)
5	Assessment of Insulin sensitivity in obese, non-diabetic subjects undergoing infraumbilical surgery and its variation with general & regional anesthesia- <u>2013 onwards</u>	Dr. Sampa Datta Gupta (WBUHS)

8. Other Departmental Information

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

9. Service information

Bed 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)
NCB Ward (Emergency)	Emergency block	8 (Male-4, Female-4)
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

OPD manning

UNIT-II Tuesday, UNIT-I Thursday & UNIT-III Saturday

OPD attendance	14921
Burn Unit Admission	418
Operations performed in BRU O.T.	215
Regular schedule operations in plastic surgery operation theatres	2196
Microvascular operations	23
Emergency operations	2395
Laser Therapy	259
Total Burns Injury patient admitted In SSKM Hospital	648

Operation facilities

Main Operation Theatre, Main Building- 3 Days (6 Tables)
Plastic Surgery Operation Theatre, Ronald Ross Building- 6 Days (18 Tables)
Micro-Vascular Surgery Wednesday/Thursday/Friday (Once a week), NPS OT
Laser Therapy (NPS OT)- Tuesday, Wednesday, Thursday
Burns Injury Operation Theatre, Ronald Ross Building: Daily Except Saturday, Sunday

Emergency Operations Requiring General Anesthesia (NER OT)

Acute Hand Injury OT (NPS OT), 3rd Table, 24 Hours

Operation days of each Unit (Scheduled operation)

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)

Psychiatry (Institute of Psychiatry)

Staff

Faculty & Medical Officer	Qualification	Designation
Dr. Pradip Kumar Saha	MD	Director & Professor
Dr. Sikha Mukhopadhyay	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 Kumar Dutta	DPM	Medical Officer
Dr. Naba Kumar Maiti	DPM, MD	Medical Officer

Postgraduate trainees

Name	Course	Session
Dr. Sudipta Ghosh, MBBS, D.Ortho	MD	2012 – 2015
Dr. Sk. Maidul Islam, MBBS	MD	2012 – 2015
Dr. Amitava Das, MBBS, DMRD	MD	2012 – 2015
Dr. Sandip Kumar Hazra MBBS	MD	2012 – 2015
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. Debayan Dasgupta, MBBS	DPM	2013 – 2015
Dr. Dhiman Ranjan Bharadwaj, MBBS	DPM	2013 – 2015
Dr. Iti Baidya, MBBS	DPM	2013 – 2015
Dr. Krishnendu Ray, MBBS	DPM	2013 – 2015
Dr. N. Rekha, MBBS	DPM	2013 – 2015
Dr. Partha Singha, MBBS	DPM	2013 – 2015
Dr. Subhojit Mondal, MBBS	DPM	2013 – 2015
Dr. Sudipta Bandyopadhyay, MBBS	DPM	2013 – 2015
Dr. Sumana Bera, MBBS	DPM	2013 – 2015
Dr. Supreem Bose, MBBS	DPM	2013 – 2015
Dr. Biswajit Sen MBBS	DPM	2014 – 2016
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 Chattoraj MBBS, MD (Physiology)	DPM	2014 – 2016

Transfers & postings

Faculty	Designation	Transferred to	Date of release
Dr Uday Sankar Mandal	Assistant Professor	R. G. Kar Medical College	15.12.14

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. Dhruvajyoti Baghchi	MD, DPM	Associate Professor in Psychiatry
Dr. Sujit Sarkhel	MD, DPM	Asst. Professor, Psychiatry
Ms. Tapasri Das	MSc, MPhil	Clinical Psychologist
MsSreetamaChatterjee	MSc, MPhil	Clinical Psychologist
Ms Liza T. Daniel	MSc (Nursing)	Assistant Professor, Psychiatry Nursing

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. Tanaya Roychowdhury	M.Phil PSW	2011 – 2013
Mr. Nitai Chand Mukherjee	M.Phil PSW	2011 – 2013
Ms. Chandrima Banerjee	M.Phil PSW	2012 – 2014
Mr. Himanga Thakuria	M.Phil PSW	2012 – 2014
Ms. Oindrila Ganguly	M.Phil PSW	2012 – 2014
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 Parasrampur	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. Doyel Ghosh	MA; MPhil Clinical Psychology	Clinical Psychologist
Students	Course	Session
Ms. Debjani Kar	M.Phil Clinical Psychology	2012 – 2014
Ms. Pourabi Chaudhury	M.Phil Clinical Psychology	2012 – 2014
Ms. Prama Bhattacharya	M.Phil Clinical Psychology	2012 – 2014
Ms. Sagarika Das	M.Phil Clinical Psychology	2012 – 2014
Ms. Srishti Saha	M.Phil Clinical Psychology	2012 – 2014
Ms. Tulika Singhanian	M.Phil Clinical Psychology	2012 – 2014
Ms. Ushnaa Majumdar	M.Phil Clinical Psychology	2012 – 2014
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

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 BENPSYD 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 software development phase is on and the field study will be launched in January.
- Attended the 66th Annual National Conference of Indian Psychiatric Society (ANCIPS 2013), held at Bangalore, Karnataka from 15th to 18th January 2014, which was eligible for 4 (four) CME credit hours, granted by the Maharashtra Medical Council

- Psychiatric Conference 2014 (Combined Annual State Conference of West Bengal State Branches of Indian Psychiatric Society & Indian Association of Private Psychiatry) held at The Lalit Great Eastern, Kolkata, on 20th & 21st of September 2014. The conference was granted 3CME credit hours by the West Bengal Medical Council.
- Attended Midterm CME, IPS WB, Kolkata, on 28.04.14
- Attended the 14th ANCIAPP held at Ahmedabad on 21-24, Nov 2013
- Judge, National level, Torrent Young Psychiatry Award, Mumbai 2014
- Living with Schizophrenia lecture on the World Mental Health Day, October 2014.
- Conducted CME "Sexual dysfunction – an overview." Kolkata.
- Lecture on "An overview of BPAD in Asia – implication in Management".Kolkata.
- 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 for thesis by Dr. Neha Singh titled "Clinical characteristics of late onset bipolar disorders : comparison with adult onset." submitted to the West Bengal University of Health Sciences for partial fulfillment in MD (Psychiatry), Session 2011 – 2014
- Guide for thesis by Dr. Bikramaditya Jaiswal titled "Study of executive function in Obsessive compulsive disorder." submitted to the West Bengal University of Health Sciences for partial fulfillment in MD (Psychiatry), Session 2011 – 2014
- Guide for thesis by Dr. Debpradip Chakraverty titled "Assessment of severity and elicitation of co-morbidities in ADHD" submitted to the West Bengal University of Health Sciences for partial fulfillment in MD (Psychiatry), Session 2011 – 2014
- Co-Guide to Mr Nitai Chand Mukherjee (Guide Ms. Mittu Muthu Varghese Co-Guide Prof. Pradip Kumar Saha) "A comparative study on resilience of caregivers of patients with schizophrenia and Bipolar Affective 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 comparative study of incidence of new onset obsessive compulsive symptoms in patient taking atypical antipsychotics (Olanzapine, Risperidone) and Haloperidol.

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 Haldar, titled 'Effects of Cannabis Use on Cognitive Function & Clinical Features of Bipolar Disorder' submitted, to the West Bengal University of Health Sciences for the partial fulfillment of MD degree in Psychiatry, Session 2011 - 2014
- Co-Guide (Guide Dr. Bidita Bhattacharya) for Dissertation by Ms. Urbi Mukherjee, titled 'Self Concept, Personality Correlates, Family Environment & Adjustment Related Issues: A Comparative Study between Obese & Non-Obese Adults' submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2011 – 2013

- Biswas P, Mukhopadhyay S. Poster Titled "Socio demographic and clinical correlates of patients attending a de-addiction clinic in tertiary care hospital in Eastern India" presented at ANCIPS (Jan 10-13, Bangalore 2013)

Dr. Parthasarathy Biswas

- Neuropsychiatry Update, Institute of Neurosciences – Kolkata, September 5, 2014.
- Attended the 66th Annual National Conference of Indian Psychiatric Society (ANCIPS 2014), held at Pune Maharashtra from 10th to 13th January 2014, which was eligible for 4 (four) CME credit hours, granted by the Maharashtra Medical Council
- CME on 'Compliance issues in Psychiatry' organized by the West Bengal State branch of Indian Psychiatric Society, on 19.01.14
- CEZIPS the of Indian Psychiatric Society (East Zone), held at New Digha, on 14.06.14 & 15.06.14
- Psychiatric Conference 2014 (Combined Annual State Conference of West Bengal State Branches of Indian Psychiatric Society & Indian Association of Private Psychiatry) held at Lalit Great Eastern Hotel, on 28th & 29th of September 2014. The conference was granted 3 CME credit hours by the West Bengal Medical Council, vide Ref No. 1086-C/28-2012, dated 23.08.14
- Participated 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/28-2012, dated 24.10.13
- The 3rd 'Kolkata PG CME' held at Hotel Golden Parkk, on 07.12.13
- Co-Guide (Guide Dr. Kamlesh Kumar Sahu) for Dissertation by Ms. Tanaya Roy Choudhury titled "Disability and rehabilitation needs of persons with schizophrenia" submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Psychiatry Social Work, Session 2011 – 2013.
- Co-Guide (Guide Ms. Mittu Muthu Varghese) for Dissertation by Ms Chandrima Banerjee "Psychosocial problems (family burden, social support, marital quality of life, social stigma and self-esteem) in caregivers of intellectual disabled children and blind children: A comparative study" to be submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Psychiatry Social Work, Session 2012 – 2014.
- Co-guide (Guide: Mr. Prasanta Kumar Roy) for Dissertation by Ms. Priya Puri 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
- Co-guide (Guide: Dr Bidita Bhattacharya) for Dissertation by Ms. Shaona Sengupta 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

Dr. Sujit Sarkhel

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

List Of Publications:

1. 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.
2. 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. .
3. 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.
4. 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.
5. 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

1. Gender and Sexuality in IPS Eastern Zone Mid Term CME held in Imphal in July, 2014
2. 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. Rajarshi Neogi

Publications:

- A Santra, GK Sinha, R Neogi, RK Thukral. 99mTc-Hexamethyl Propyleneamine Oxime Brain Perfusion Single Photon Emission Computed Tomography in Characterization of Dementia: An Initial Experience in Indian Clinical Practice. World journal of nuclear medicine: 2014; 13 (2): 120-124
- A Dan, K Chakraborty, M Mondal, R Neogi, S Chatterjee, M Makhal. Erectile dysfunction in patients with diabetes mellitus: Its magnitude, predictors and their bio-psycho-social interaction: A study from a developing country. Asian journal of psychiatry: 2014; 7: 58-65

Lectures:

- Psychiatric Aspects of EEG. Neuropsychiatry Update, Institute of Neurosciences – Kolkata, September 5, 2014.
- Depression in Epilepsy – A relationship that cannot be ignored. Symposium. 66th Annual Conference of The Indian Psychiatric Society, 17.01.14.

Chair-person:

- Co-Chaired a session in the speciality section of SUD. Substance Use disorders guidelines – an overview of the guideline. 66th Annual Conference of The Indian Psychiatric Society, 18.01.14.

Departmental Studies:

- BENPSYD 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 software development phase is on and the field study will be launched in January.

Dr. Subir Bhattacharjee

- Coping styles in suicide attempters attending a peripheral medical college of West Bengal. Saumen Nandi, Subir Bhattacharjee, Somsubhra Chattopadhyay, Sarmistha Debnath, Sabyasachi Chowdhury, Amit Bhattacharya. Indian Journal of Public Health Research & Development. July 2014.

- A Study of Prevalence and Contributory Factors of Acute Stress Disorder in a Train Accident in India. Bhattacharjee Subir, Bhattacharya Amit, Chattopadhyay Somsubhra, Chakravarty Rajarshi, Ray Paramita, Singh Om Prakash. Indian Journal of Public Health Research & Development. January-March 2015, Vol. 6, No. 1.

Dr. Nikhiles Mandal

Publications

- Extra Pyramidal 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

Dept. of Clinical Psychology

M.Phil. in Clinical Psychology (Batch 2014-2016) Course commenced from November 2014.

Name of the Trainee :

1. Ms. Richi Prasurampuria
2. Ms. Sabarnee Karmakar
3. Ms. Anuradha Palit
4. Ms. Trina Banerjee
5. Ms. Aparajita Chakraborty
6. Ms. Sneha Das
7. Ms. Torsa Sinha
8. Ms. Pooja Chowdhury

Dr. Bidita Bhattacharya

- Publication :
 - 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 for 3 M.Phil Dissertation

Mr. Prasanta Kr. Roy

- Publication :
 - 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. Dissertation
 - 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

Publication :

- 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 organised by World vision, Darjeeling

Ms. Mittu Muthu Varghese

- Conducted workshop on stress management dated 20th November 2013 at Aircelor Mittal Ltd.Ranchi
- Paper setters and examiner in state and central universities.

Mr. Kamlesh Kumar Sahu

- Sahu KK (2014). Impact Evaluation of the Community Mental Health Project at Habra. Indian Journal of Psychiatry 56(2) 142-49.
- Mukherjee SB, Sahu KK, Sahu S (2014). Stigma: Knowledge of College Going Students about Mental Illness and Reaction towards the Persons with Mental Illness. Dysphrenia 5(2) 106-113. http://dysphrenia.hpage.co.in/research-stigma-mental-illness-fulltext_23593656.html
- Sahu KK, Niveditha S, Dharitri R & Kalyanasundaram S (2014). A Decade and Half of Day Care Service for Persons with Psychiatric Disability: The RFS (I) Experience. International Journal of Psychosocial Rehabilitation 18 (2) 37- 47.
- Sahu KK (2014). Mental Health and Social Work Practice in India: A Historical Perspective. In Francis AP. (ed) Social Work Practice In Mental Health Theories, Practices and Challenges. Sage, New Delhi 62-85. <http://www.sagepub.com/books/Book243358#tabview=toc>
- Ganguly O, Sahu KK (2014). Psychosocial Management and Rehabilitation of a Person with Moderate Intellectual Disability. Proceedings of The International Conference of Developmental Disability (ICDD) 2014, Kolkata pp 77-82.
- 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). Accepted & scheduled for publication.
- Invited speaker on a panel discussion on the theme 'Living with Schizophrenia' on the occasion of World Mental Health Day, 10th October 2014 at Auditorium of IMA House, Bireswari Street, Kolkata-700017 organized by West Bengal Branch of Indian Psychiatric Society.
- Invited on a Roundtable Discussion on "Women & Disability" organized by Women's Studies Research Centre, Calcutta University & Sruti Disability Rights Centre, Kolkata on 29th March 2014 at Seminar Room, WSRC Alipore Campus, Calcutta University.
- Attended a webinar on "Understanding and Treating the Complex Puzzle of Non-Suicidal Self-Injury" organized by Injury Control Research Center for Suicide Prevention on February 12, 2014.
- Attended a 'Workshop on School Counselling' organized by Mental Health Foundation, Kolkata, in association with Sangath, Goa, India on 11th January 2014.
- Nominated as member of editorial board for Open Journal of Psychiatry & Allied Sciences published by Academy Publisher, Guwahati, India.
- Guided (Co-Guide Dr. Sikha Mukhopadhyay) M.Phil. PSW Dissertation by Oindrila Ganguly on "Outcome Study of Disability Management for Persons with Schizophrenia Living In The Community".
- Guiding (Co-Guide Prof. (Dr.) Pradip Kumar Saha) M.Phil. PSW Dissertation by Ms. Rituparna Jash "Living with a Person with Obsessive Compulsive Disorder: Spouses' Experiences".
- Guiding (Co-Guide Dr. Sikha Mukhopadhyay) M.Phil. PSW Dissertation by Ms. Martina Nongmin "A Study of Emotional and Behavior Problems of School Going Adolescents in Kolkata".
- Guiding (Co-Guide Dr. Sujit Sarkhel) M.Phil. PSW Dissertation by Ms. Kamalika Bhattacharjee on "Need and Feasibility Study of Family Intervention in Bipolar Disorder in a Tertiary Care Setting".

Ms. Jhilam Bandhyopadhyay

- Attended XX National Conference of the IASP held at Kolkata from 8-10 Nov. 2013.

Ms. Rupa Chakraborty

- Attended a CRE Programme on "Research Methodology" organized by Department of Psychology, Calcutta University on 16 – 20th September 2013.
- Attended a CRE Programme on "Inclusive Education for Learning Disabilities " organized by NIMH, Kolkata on 28th January – 1st February 2013.

Dept. of Psychiatry-Nursing**Ms. Liza Thankam Daniel**

- Publication : effect of educational module on primary school teachers knowledge on childhood psychiatric disorders (Indian journal of Psychological medicine)
- Subjective wellbeing status of elderly in relation to their perceived physical health problem and cognitive function.(Indian journal of mental health and human behaviour)
- Presentation : prevalence and factors related to substance use among adolescents(International Conference of Youth & Positivism)
- Attended Geron Conference 2014

Ms. Jharna Bag

- Publication : Subjective wellbeing status of elderly in relation to their perceived physical health problem and cognitive function.(Indian journal of mental health and human behaviour)
- Presentation : Subjective wellbeing status of elderly in relation to their perceived physical health problem and cognitive function Geron Conference 2014, Kolkata.
- Registered Phd. Scholar with WBUHS Subject : Geriatric Depression and Subjective wellbeing of elderly people.
- Ongoing project : Development of tool related to perceived physical health problem of elderly people.

Regular academic activities

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

Research projects**Ongoing research projects (IPGME&R):**

- Epidemiology of common psychiatric disorders of the state of West Bengal funded by the DOFW, Govt. of West Bengal.. The first time ever study involving tablet device to collect data in a door-to-door survey. First systematic psychiatric epidemiology study in the state of West Bengal since independence. The software development phase is on and the field study will be launched in January.
- Study on "Factors affecting adherence to treatment and outcome Substance use Disorders (SUD) patients attending de-addiction clinic of a tertiary care hospital": Principal investigator: Dr Shikha Mukhopadhyay, Co-investigator: Dr Parthasarathy Biswas

Ongoing research as part of MD Psychiatry course:

- Dr. 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. Abhik 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) Pradeep Kumar Saha) – A comparative study of incidence of new onset obsessive compulsive symptoms in patient taking atypical antipsychotics (Olanzapine, Risperidone) and Haloperidol.

Theses publication, student & research scholar information

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.*"

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

Service information

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

		Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
Indoor admissions in 2014	Male	21	20	15	12	21	19	19	14	21	15	19	18	214
	Female	6	5	8	7	2	6	9	10	10	12	7	6	88
	Total	27	25	23	19	23	25	28	24	31	27	26	24	302

B. Distribution of outdoor services is as follows:

Day	Consultants	
Monday	Prof. Pradip Kumar Saha	Dr. Rajarshi Neogi
Tuesday	Prof. Pradip Kumar Saha	Dr. Parthasarathy Biswas
Wednesday	Dr. Sikha Mukhopadhyay	Dr. Sujit Sarkhel
Thursday	Dr. Sikha Mukhopadhyay	Dr. Sujit Sarkhel
Friday	Prof. Pradip Kumar Saha	Dr. Rajarshi Neogi
Saturday	Prof. Pradip Kumar Saha	Dr. Parthasarathy Biswas
Sunday ^{2nd} & 4 th	Prof. Pradip Kumar Saha	Dr. Parthasarathy Biswas

The following numbers of patients have been seen in Psychiatry OPD from January 2014 to December 2014

		Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
Adult Psychiatry	New	1004	1038	1290	1177	1109	1258	1186	1376	1414	1125	1231	1158	14366
	Old	5220	5017	5770	5198	5748	5236	5186	5640	6304	5799	5857	6209	67184
Child patients	New	82	81	108	84	71	85	76	96	98	87	108	104	1080
	Old	235	242	281	224	266	224	285	335	292	307	402	326	3419

C. IOP is also running multi-disciplinary special clinics in, de-addiction, geriatric and child psychiatry, obsessive compulsive & mood disorders. Patients are referred to these clinics from the general psychiatry outdoor or indoor, for detailed assessment and management, including individual & family therapy. The schedule of special clinics is as follows:

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

Data on patients seen at existing special clinics at IOP in 2014 (Jan-Dec 2014)														
		Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
De-addiction clinic	New	8	10	11	11	18	6	12	6	11	3	8	15	119
	Old	66	53	59	63	85	56	58	59	52	33	46	51	681
Geriatric clinic (>50yrs)	New	7	3	7	10	4	5	5	8	0	0	3	6	58
	Old	18	09	13	24	18	16	32	25	20	30	30	12	247
OCD Clinic	New	0	0	4	4	5	5	7	3	5	4	3	2	42
	Old	0	0	2	8	14	16	27	24	22	21	18	10	162

The Department of Clinical Psychology has started functioning in March 2011 and is providing services on an outpatient and inpatient basis. The general outdoor runs on all working days where evaluation, management and

follow-ups are performed. Services offered include IQ assessment, psycho diagnostics, personality & neuropsychological assessment, cognitive retraining, psychotherapy & counselling (individual, family & group). Group therapy sessions are being conducted (along with PSW department) for ADHD & Conduct Disorder (separately for children & parents), Mental Retardation (for parents), OCD, substance abuse, dementia and life-skill education (for adolescents). The Department is also planning to expand its functioning in the area of Behavioural Medicine, i.e. use of psychological services in general medical conditions including burn cases, cancer, HIV/AIDS, gynaecological problems, cardio-vascular disease, pre- and post- surgery cases, dermatological issues, diabetes etc.

Patients seen at Department of Clinical Psychology in 2014 (Jan-Dec 2014)													
	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
IQ Assessment	59	56	43	50	51	63	54	38	41	66	88	30	639
Diagnostic psychometry	26	18		22	24	21	24	32	38	56	89	34	413
Individual & Group therapy	62	134		243	217	209	267	170	127	75	92	70	1833
Other Psychol Assessments	13	9		8	5	13	28	8	3	0	13	0	109

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

Department of Psychiatric Social Work

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

Psychiatric Social Work is an integral part in multidisciplinary team in treatment and rehabilitation of persons with mental illness or persons with psychosocial problems. However, professionally qualified psychiatric social workers are very limited in our country. The Government of India has acknowledges the growing need for psychiatric social work and therefore has included in the project for men power development in mental health under National Mental Health Programme (NMHP).

Services of Department of Psychiatric Social Work

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

Current services:

Assessment:

Psychosocial and Clinical assessment of individuals and family.

Psychosocial Intervention:

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

Rehabilitation:

- Department has started to undertake various community based care and service programmes e.g. home/work place/school visits. Plan is to scale up community outreach services e.g. awareness programs on mental health, initiation of self-help groups. Active liaising with other Government organizations, NGOs and agencies. We are developing information, educational and communication (IEC) materials for community sensitization and education.

Community services:

- Home visits: For psychosocial assessment and intervention
- Department has plan to undertake various community based care and service programmes e.g. home/work place/school visits, community outreach services, awareness programs on mental health, initiation of self-help groups. Active liaising with other Government organizations, NGOs and agencies. We are developing information, educational and communication (IEC) materials for community sensitization and education.

Training and manpower 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

- Resilience: a comparative study under guidance of Ms. Mittu Muthu Varghese and Prof. Pradip Kumar Saha
- Disability and rehabilitation needs of persons with schizophrenia under guidance of Mr. Kamlesh Kumar Sahu and Dr. ParthasarathyBiswas
- Psychosocial Problems in caregivers of children with Intellectual Disability and Children with Blindness:A Comparative Study under the guidance of Ms. Mittu Muthu Varghese and Dr. ParthasarathyBiswas
- Psychosocial determinants of patients with Irritable Bowel Syndrome and Functional Dyspepsia:A Comparative Study under guidance of Ms. Mittu Muthu Varghese and Prof. Pradip Kumar Saha
- Outcome study of Disability Management for persons with Schizophrenia living in the Community under guidance of Mr. Kamlesh Kumar Sahu and Dr. Shikha Mukherjee

Ongoing research as part of M.Phil. PSW dissertation

- Violence against mentally ill patients (in association with psychiatry department)
- 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

Annual Service Report-Department of Psychiatric Social Work													
	Jan	Feb	Mar	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Case work ups	77	68	92	58	75	88	74	35	32	16	19	70	704
Individual sessions (old)	56	46	49	52	41	46	49	73	37	43	39	40	571
Individual sessions	12	07	17	05	15	28	19	16	13	09	13	15	169

(new)													
Group Therapy	03	03	03	03	03	03	03	03	03	01	03	03	34
Home visits	05	03	04	04	04	04	04	05	05	02	02	02	46
Institutional visits	02	-	-	01	-		02						05

Department of Psychiatric Nursing

The Department of Psychiatric Nursing is newly formed in 2012 along with other two departments – The Department of Clinical Psychology and The Department of Psychiatric social work with the objective to promote mental health and to provide holistic care to individuals, families and communities.

Psychiatric Nursing is an integral part of multidisciplinary team in providing holistic care to persons with mental illness. They also play an effective role in the preventive aspects of mental health by sensitizing the community with mental awareness programs. However, there is an acute 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.

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 prevention
- School health programs like adolescent life skills, parenting skills and teachers training on childhood psychiatric disorders.

Awareness program on geriatric mental health problem:

- Community outreach program at Kakdwip, 24 parganas, Kolkata in association with psychiatric department of National Medical College.
- Field visits to different NGO based old age home, half way home and rehabilitation centres.
- Mental health Awareness program at KOLKATA BOOK FAIR 2014.
- 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 Masters in psychiatric Nursing in the next academic year.

Research:

- On-going research as part of department of psychiatric Nursing
1. Subjective well-being: a comparative study of old age home inmates and community dwelling elderly (WB) by Mrs. Jharna Bag and Prof. Pradip Kumar Saha
 2. Prevalence of domestic violence among mentally ill female patients by LT Daniel, Prof. Pradip Kumar Saha)

Annual Statistical Report-Department of Psychiatric Nursing

	Janu	Feb	Mar	April	May	June	July	August	Sep	Oct	Nov	Dec	Total
Case work ups	-	-	-	12	13	14	14	12	12	12	13	12	114
Inpatient Case study		5	5	5	5	5	5						30
Inpatient Case presentation			6	6	6	6	6	6					36
Group Therapy								8	8	8	8	8	40
Home visits					1	1	2						
Health education		6	6	6	6	6	6						36
Community outreach program		3	3										6
School mental health program		2									1		3

Department of Pathology and Biochemistry

The Department of Pathology-IOP, Centre of Excellence, Kolkata, has been envisioned under guidance of Dr. P. Saha in 2013.

Dr. M. Banerjee and Ms. Rita Guha were employed in November 2013. The proposed building was under construction - so a standwise space was demarcated 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 Haematology/Coagulation, Routine Bio-Chemistry, Immuno Biochemistry, Clinical Pathology and PCR have been submitted. Tender for all gadgets are in progress in accordance with West Bengal Government regulations. Test list has been made in consultation with doctors according to departmental requirements. 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.

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 following theoretical courses have been taken by Dr. M. Banerjee and Dr. S. K. Das regularly to impart full and functional understanding in matters of Lab management, quality policy, SOP, Bio-Statistics, Psychology, Lab Safety precaution, Bio-medical Waste disposal, Phlebotomy, Critical Call policy, Staining procedures, Manual tests, Lab Softwares and so on.

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

Pulmonary Medicine (Chest)

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

Staff

Faculty

Name	Degrees	Post/ Designation
Prof.(Dr.) Somenath Kundu	MD	Professor
Dr. Pulak Kumar Jana	MD	Associate Professor. (Released and promoted as Professor in BSMC on 10.12.14)
Dr. Surajit Chatterjee	MD, FCCP (USA)	Assistant Professor
Dr. Ritabrata Mitra	MD, FCCP (USA)	Assistant Professor
Dr. Swapnendu Misra	MD	Tutor

Medical Officers

Name	Degrees	Post/ Designation
Dr. Amit Karmakar	MBBS	MO
Dr. Samar Das	MBBS	MO
Dr. Arnab Saha	MBBS, MD	MO, RNTCP

Junior Residents

SESSION 2012-2015	SESSION 2013-2016	SESSION 2014-2017
Dr. Jineesh Jeseph	Dr. Sonali Parida	Dr. Jyotirmoy Ghanta
Dr. Arundhati Datta	Dr. Pratik Biswas	Dr. Sibkinkar Lala
Dr. Ritam Chakraborty	Dr. Arnab Sit	Dr. Somnath Sinharay

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. Clinical effectiveness and safety of gemifloxacin versus cefpodoxime in acute exacerbation of chronic bronchitis: A randomised controlled trial. Indian Journal of Pharmacology Vol. 43 Feb 2011 Issue 1.
3. Pulmonary disease due to *Mycobacterium massiliense*. Indian Journal chest Dis. Allied Sci. 2011; 53: 53-57.
4. Metastatic pleural effusion: A rare presentation of salivary gland adenoid cystic carcinoma. Indian J chest Dis. Allied Sci. 2011; 53: 107-110.

Dr. Pulak Kumar Jana

1. Retained foreign body in the pleura. J Medicine , 2011;12:191
2. Barium sulphate aspiration mimicking Tracheo-esophageal fistula in a 82 year aged man. J Medicine,2012; 14
3. Ethambutol and Pyrazinamide induced toxic epidermal necrolysis in an immunocompetent adult with tuberculosis. Lung India Vol. 29 Jan-Mar 2012.
4. Bifid sternum. Lung India Vol. 29, Jan-Mar 2012.
5. Calciferol to consumption: Forget-me-not. Bulletin of the Association of Chest Physicians (WB) Vol. 14 (2), 2010.

Dr. Surajit Chatterjee

1. Hydatid Lung disease : An analysis of five years cumulative data from Kolkata. Journal of the Association of Physicians of India Vol. 60,2012.
2. Barium sulphate aspiration mimicking Tracheo-esophageal fistula in a 82 year aged man. J Medicine,2012; 14:259-260.
3. A rare case of giant bulla mimicking tension pneumothorax. Journal of Medicine, Bangladesh: 2014.

Dr. Ritabrata Mitra

1. Tuberculosis is associated with low level of vitamin D. World Journal of Pharmacy and Pharmaceutical sciences 2014; 3(2); 1449-1463.
2. Role of aminophylline in Doxorubicin induced cardiotoxicity in animal model. World journal of Pharmacy and Pharmaceutical sciences. 2014; 3(6) 1201-1212.
3. 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.
4. Kikuchi Disease: a rare variety. International Journal of Health sciences and research 2013; 3 (12):181-184.
5. Erasmus syndrome: a case report of silicosis induced scleroderma in a 26 year old male. Oman Medical journal 2013.
6. Severe paraneoplastic peripheral blood eosinophilia and eosinophilic pleural effusion. International Medical Journal, Japan, 2013.
7. Primary lymphoepithelioma –like carcinoma of the lung in a 13 year old girl. Oman Medical Journal Vol 27 issue 1 2012.
8. 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.
9. Guillain Barre Syndrome following falciparum malaria: a rare association. Ind J Med Res 2013; 1(3): 14-16
10. A 42 year old male with Os Odontoideum presented with sudden onset quadriparesis after minor injury to neck. Journal of the Association of Physicians of India Vol 61, issue 2, 2013
11. Staphylococcal septicemia associated with peripheral neuropathy in three different clinical settings. Journal of the Association of Physicians of India Vol 61, issue 3, 2013.
12. Squamous cell carcinoma lung in a 55 year old male with progressive systemic sclerosis. Journal of the Association of Physicians of India Vol 60, issue 12, 2012.
13. 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.
14. Interferon gamma assay. Bulletin of the Association of Chest Physicians (WB) Vol. 16 issue 1, 2012.

Dr. Swapnendu Misra

1. Primary lymphoepithelioma like carcinoma of the lung in a 13 year old girl. Oman Medical Journal 2012, volume 27, issue 1.
2. Pulmonary-Renal syndrome in a case of Wegener's granulomatosis. Indian Journal of Chest Diseases and Allied Sciences 2013, volume 55, issue 3.
3. Mediastinal myelolipoma in a 65 year old female patient. International Medical Journal Japan 2013, volume 20, issue 3.
4. TB-HIV co-infection profile & impact of RNTCP and NACP liaison in the setting of free home based ART therapy in a rural tertiary teaching hospital in India. International Medical Journal Japan 2013, volume 20, issue 3.

Service information

INDOOR: Total Bed: **54**
Pulmonary Function Lab: Total No. of PFT done(01.01.14-11.12.14): **8022**

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	19777
		Female	10245
OPD	Old patient total (12,108)	Male	8072
		Female	4036

Total OPD attendance	42,130
Total Nebulisation -	1324
Total Thoracocentesis-	750
Total Sputum Examination	3115
Total No of Sputum positive	223
Total Indoor Patients put on DOTS	304
Total Outdoor Patients given DOTS from SSKM PHI	26
Total Patients refer outside Kolkata	584
Total patient refer within Kolkata	174
Total patient Transfer out	13

IDOOR PATIENTS

Total Admission	1142
Total Discharge	915
Total Death	129
Total DORB	81
Total Transfer in	46
Total Transfer Out	46
Absconded	3

INTERVENTIONS:

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

SN	Procedure	No.
1.	Thoracocentesis	1430
2.	Pleural Biopsy	102
3.	Intercostal Tube drainage	242
4.	Fibreoptic Bronchoscopy	212
5.	CT/ USG guided lung FNAC/ biopsy	444
6.	Pleurodesis	29
7.	Decortications and other major surgery in collaboration with Deptt of CTVS	42
8.	Noninvasive ventilation	107

The Department conducted sensitisation programmes on RNTCP of Nursing personnel under the GFATMRT project supported by Indian Nursing Council involving 100 members in 3 sessions.

Ongoing Research Work

Prof. Somentah Kundu

- Factors contributing delay in diagnosis of lung cancer with special reference to high risk population, a cross-sectional study in a tertiary hospital.
- Evaluation of changes in spirometry and 6 minute walk test following thoracocentesis in symptomatic pleural effusion.
- Investigation modalities for establishment of etiological diagnosis of pleural effusion among patients admitted in a tertiary care hospital.
- Cardiovascular co morbidities in diffuse parenchymal lung diseases: as cross sectional study in a tertiary care hospital.
- A study on diagnostic modalities and differential diagnosis of smear negative pulmonary tuberculosis.

Dr. Surajit Chatterjee and Dr. Ritabrata Mitra

- A prospective study on etiology and outcome of diffuse parenchymal lung disease.
- 25 hydroxy vitamin D level in tuberculosis: A cross sectional study in a tertiary care hospital.

Radiodiagnosis

Faculty

Name	Degrees	Post/Designation
Dr. Swadha Priya Basu	MBBS, MD Dip Card.	Professor & Head
Dr. Sohini Sengupta	MBBS, MD	Associate Professor Now on detailment to Dr. B. C. Roy Children Hospital
Dr. Sukharanjan Howladar	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. Dinendra Kumar Saha	MBBS	RMO Cum Clinical Tutor
Dr. Sudipta Saha	MBBS, MD	Senior Resident

Postgraduate trainees

MD

3rd Year (2012-2015)	2nd Year (2013-2016)	1s Year (2014-2017)
Dr. Avanit Kaur Hore Dr. Naznin Siddiquee (MOTR) Dr. Shamick Biswas Dr. Sourav Talukdar Dr. Sonam Gystro Dr. Sonam Priya Dr. Sudipta Sarkar Dr. Suvan Kumar Pramanik	Dr. Sumit Laskaria Dr. Subhadip Saha Dr. Md. Liyakat Ali Chaudhury (MOTR) Dr. Sumit Majumder (MOTR) Dr. Paramita Hota Dr. Santanu Mondal Dr. Ruchira Das Dr. Akash Mukherjee	Dr. Koushik Kr Nayek Dr. Manish Kumar Dr. Moon Kanjilal Dr. Shweta Kothari Dr. Sujata Bhowal Dr. Lovepreet Singh Dr. Mahuya Ghosh Dr. Kousik Ghosh

DMRD

2nd Year (2013-2015)	1s Year (2014-2016)
Dr. Monikana Mukherjee (MOTR) Dr. Vineet Soni Dr. Samir Sanar Dr. Ritesh Agarwal Dr. B.Naveen Dr. Samiran Mondal (MOTR) Dr. Aritra Pal (MOTR) Dr. Abhijit Sangala Dr. Jigar Makwana Dr. Atul Patil Dr. Shweta Gupta Dr. Asadul Bari	Dr. Rathin Kumar Dr. Shailendra Dr. Rina Mondal (MOTR) Dr. Mukesh Gupta Dr. Prasanna R Dr. Anju Kumari Dr. Sudipta Bhattacharyya (MOTR)

Faculty news

Prof. Swadha Priya Basu

Papers & Publications

1. "Percutaneous ethanol ablation in managing predominantly cystic thyroid nodule, an Eastern India perspective" - "Dr Nupur Basu, Dr.(Prof.) S P Basu, Dr S Mukhopadhyay" published in Indian journal of Endocrinology & Metabolism – September – 2014.

2. Comparison of High Resolution Ultrasonography and MRI in detection of early Rheumatoid arthritis and in evaluation of therapeutic response—Dr Sumit Chakraborty, Dr SP Basu, Dr S Samanta—presented in National Conference of IRIA; Indore in Jan'2013.
3. "Magnetic Resonance Imaging in evaluation of Temporal Lobe Epilepsy in a Tertiary Care Center." (Article No. RV-406 / 2013) – authored by Dr. A. Bandyopadhyay , Dr. S. Chakraborty , Dr. S. Talukdar, Dr. S. Biswas, Dr. A. Singh , Dr. (Prof.) A. K. Bhadra & Dr. (Prof.) Swadha Priyo Basu – provisionally accepted for publication in JIMA , reference no. HE/Acc/RV – 406 / 2013 dated 06th Aug, 2014.
4. "Predominant polyembryonic component in a testicular mixed germ cell tumor – a rare entity – Authored by Dr. S. Chakraborty, Dr. S. Mukherjee, Dr. A. Bandyopadhyay, Dr. U. Sarkar & Dr. (prof.) S. P. Basu - provisionally accepted for publication in JIMA, reference no. HE/Acc/RV – 207 / 2013 dated 14th Feb, 2014.
5. On going paper with National.Knowledge.Network with Dr. (prof.) P.K. Roy, Dr. Nilkanta chakraborty & Dr. Sumit Chakraborty on mild cognitive impairment.

Other Academic Activities

6. Faculty; Annual State Conference, IRIA Dec, 2013 and attended Annual State Conference, IRIA Dec, 2014.
7. Chairperson and Panelist in STAR (Specialized Training in Advances in Radiology) Conference at ITC Sonar Bangla.
8. Chairperson in Gastric Malignancy Oncon , Sept. 2013..
9. Convener and Internal Examiner of MD, 2014 Radiodiagnosis Examination of West Bengal Health University.
10. Member of the Governing Body, Board of study & Reorientation committee, State Medical Faculty, WB.
11. Attended M.R.I update conducted by GE and worked as a Panelist.
12. Thesis guide of PG students of Radiology, Anatomy, Dermatology and G & O.
13. External examiner of MD. Radiodiagnosis & DMRD in Assam Medical College, Dibrugarh held in May, 2014.
14. External examiner of MD. Radiagnosis at Silchar Medical College, Sankar Dev University, Assam held in May, 2014.
15. Convener DMRD examination West Bengal University of Health Sciences held in Sep, 2014.
16. External examiner DRD (Primary & Final) at R. G. Kar Medical College and Hospital.
17. Attended IRIA National Conference on Jan, 2014 held in Agra.
18. Attended Neurons Imaging update on Aug, 2014 held in Institute of Neurosciences, Kolkata.
19. Evaluation of MD. Thesis of SCB Medical College, Cuttack, Orissa in Dec, 2013.
20. Ex- President of Indian Radiological & Imaging Association, WB Branch 2012-13 and Member of Central Council of IRIA, 2013.
21. Attended BISICON held in Stadel on Nov, 2014 and acted as a Chairperson.
22. DME nominated expert of, Technical Evaluation Committee, West Bengal Medical Service Corporation.

Dr. Sukharanjan Howlader

Papers & Publications

1. Co-guide of Thesis Paper (2011-2014) of Radiology PG students.
2. Attended IRIA State Conference 2012.
3. Teaching of DRD & MD/DMRD students.

Other Academic Activities

Attended MRI Training Programme at SGPGI, Luchnow from 16th June to 30th June

Dr. Nihar Ranjan Sarkar

Papers & Publications

Determination of age from the length of clavicle using digital x-ray in adolescent subjects: a preliminary study in adolescent Bengali --- Dr Nihar Ranjan Sarkar, Dr Partha Pratim Mukhopadhyay, Published in Indian Journal of Forensic Medicine & Toxicology (January-2015).

Other Academic Activities

1. DRD Examiner (External) 2014 at RTIICS, KOLKATA.
2. Co-guide of Thesis Paper (2013-2016) of Radiology & G & O PG students.
3. Attended IRIA National Conference 2014 at AGRA,
4. Teaching of DRD & MD/DMRD students.

Dr. Sumit Chakrabarty

- Face of the giant panda sign in Wilson disease. Sumit Chakroborty ; S Mondal et.al. South African Journal of Radiology , August 2013, volume 17, no. 3.
- Cribriform pattern in brain MRI. A diagnostic clue for mucopolysaccharidoses . Shamick Biswas , Sumit Chakroborty . South African journal of Radiology, volume 17.no 4(2013)
- Hypoglossal nerve schwannoma –Accepted for case of the neck` category in American Journal of Neuroradiology . Dr. Sumit Chakroborty , Dr. Anoop & Dr. M. Karmakar.
- Appointed as external examiner of DRD. student in VIMS. In August, 2013.
- Co-PI.in NBRC project on structural and functional brain mapping.

Dr. Samiran Samanta

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

Dr. Dinendra Kumar SahaPapers & Publications

1. 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.
2. Neurovascular variations in upper limb- Indian Journal of Basic and Applied Medical Research; September 2014:Vol-3,Issue-4,P. 222-226.
3. 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.

Other Academic Activities

1. Internal DRD Examiner in IPGME&R & External VIMS & Saroj Gupta Cancer Institute.
2. Teaching DRD Students & Post DRD Students of IPGME&R.

Regular academic activities

- a) Clinical Meetings are held on every Friday & Saturday.
- b) Presentation of papers, journal clubs, and film reading sessions are held on every Wednesday.
- c) 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.
- d) 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 MRI in Etiological Diagnosis of Dementia- by Dr. Suvan Kumar Pramanik
- 2) Correlation between Sonographic and MR Urographic Evaluation of Obstructive Uropathy- by Dr. Sudipta Sarkar
- 3) Correlation between Endometrial Thickness and Uterine Artery Doppler with Histopathological Study in case of Postmenopausal Bleeding- by Dr.Avaneet Kaur.
- 4) Role of Radiology in Predicting outcome of Early Arthritis- by Dr. Saurav Talukder.
- 5) Sonographic differentiation of Benign & Malignant Thyroid Nodules on the basis Gray Scale & Doppler findings US guided FNAC Correlation- by Dr.Sonam Priya.
- 6) Evaluation of Adult Posterior Fossa Space occupying Lesion (SOL)-Role of MRI & MR Spectroscopy- by Dr. Naznin Siddique.
- 7) Comparative Study of Ultrasonography and MRI in Carpal Tunnel Syndrome- by Dr. Shamick Biswas.
- 8) A Comparative Study in efficacy of Ultrasonography and MRI in Radiological Assessment of Shoulder Pain related to Rotator Cuff Pathology-by Sonam Gyatso.

Ongoing thesis work:

- 1) Role of Multiparametric MRI in clinically suspected Prostate Cancer patients prior to TRUS guided biopsy - Dr. Ruchira Das.

- 2) Study of MRI Breast with special reference to diagnostic accuracy and multifocality assessment of Carcinoma Breast- Dr. Liyakat Ali Chowdhury.
- 3) HRCT Scan Evaluation of Temporal Bone Cholesteatoma and it's correlation With per-operative findings- Dr. Sumit Majumder
- 4) The role of CT Scan in evaluation of Osteomeatal Complex anatomical variations In patients of Chronic Sinusitis- Dr. Subhadip Saha.
- 5) Role of Gray-Scale Ultra Sound and Color Doppler Velocity in characterizing Adnexal masses in perimenopausal women- Dr. Sumit Laskaria.
- 6) Comparative Study of Ultrasonography, Magnetic Resonance Imaging & findings of Pelvic Endometriosis with Histopathological correlation- Dr. Akash Mukherjee.
- 7) A study to find out the role of MRI in differentiating idiopathic and Atypical Parkinson Syndrome-Dr. Paromita Hota.
- 8) A Study to find out the Correlation of stage of Alzheimer disease patients with-- ith radiological markers by MRI Brain-Dr. Santanu Mondal.

Service information

Procedures / Investigations performed

Digital X-rays & allied investigations

Digital Special Investigations								
IVU	Barium	Ba-swallow	Ba-enema	Pyelography	Distal Cologram	Fistulogram sinogram	MCU /ASU	T-Tube

Conventional X-rays & allied investigations

IVU	Barium swallow / meal / follow through / Enema	MCU / ASU / Retro grade	Sinogram / Fistulogram / Sialogram	Small bowel enema	HSG / Genitogram	Mammogram	T-tube cholangiogram
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Ultrasonography

Special cases	Thyroid	Breast	Scrotum	Eyes	T V S	T R U S	Musculo-skeletal	Peripheral Doppler	Carotid Doppler	Nicu
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Intervention (USG Guided)

Drainage (Abscess / Biloma / Pleural Effusion)	Diagnostic Aspiration (Pleural / Ascitic / Cyst Fluid)	Biopsy (Liver/ Kidney/ Mass)	FNAC	PCN	PTC	PTBD	Sclerotherapy in Hydatid Cyst	USG Guided Ethanol Sclerotherapy	Ante grade Pyelography
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Mammography

Dental

- IOPA
- OPG :

MRI (3 T)

Special MRI done at SSKM hospital

- 1) MR Angiography
- 2) MRCP
- 3) MR Urography
- 4) Cardiac Mri
- 5) MR Venography
- 6) MR Lymphangiography
- 7) MRI Brachial Plexus
- 8) MR Fistulogram
- 9) Dynamic Mri (Flexion-Extension) Of Spine
- 10) Dynamic Contrast Enhanced Mri
- 11) MR Spectroscopy
- 12) Peripheral Angiography
- 13) Liver Spectroscopy
- 14) Mri Of Individual Joints (Shoulder , Ankle , Wrist , Elbow)
- 15) MR Perfusion
- 16) Functiona MRI
- 17) Neonatal MRI
- 18) MRI In Pregnancy
- 19) MR Myelography
- 20) MR Enterolysis
- 21) MR Inferior Auditory Meatus

Performance report

Conventional X-ray

Month	Total cases	Free	Paying	Total exposure	15x12 Film	12x10 Film	10x8 Film	Total amount
DEC'13 to NOV'14	40608	32474	8134	91968	32269	21458	12069	470580

Digital (CR)

Month	Total cases	Total exposure	17x14 Films	12x10 Films	10x8 Films	Total amount
DEC'13 to NOV'14	13372	25506	656	7340	7102	2798580

Mammography

Month	Total Cases	Total Exposure	17x14 films	12x10 films	10x8 films	Total amount
DEC'14 to NOV'14	28	102	4	36	12	16800

Ultrasonography

Month	Total cases	No free cases	Paying cases	Total amount (Rs)
DEC'13 to NOV'14	35824	23083	12741	2261750

MRI (3 Tesla)

Month	No free cases	Paying cases	Total Cases	Total investigations	Film Expense.	Total amount (Rs)
DEC'13 to NOV'14	1219	4405	5624	7372	15885	9017100

Radiotherapy

1. Staff

Faculty

Prof. (Dr.) Siddhartha Basu, DMRT, MD
 Prof (Dr.) Sajal Kumar Ghosh, MD
 Dr. Alope Ghosh Dastidar, MD
 Dr. Kiran Shankar Bhattacharya, MD
 Dr. Suman Ghorai, MD
 Dr. Koushik Chatterjee, MD
 Dr. Anindya Chakraborty, DCH, MD
 Dr. Bikramjit Chakrabarti, MD, DNB
 Dr Chandrani Mallik , MD
 Dr Suparna Kanti Pal , DMRT,MD
 Dr Shyam Sharma , MD
 Dr. Sumana Maiti, DCH, MD
 Dr Aramita Saha MD
 Dr. Tapan Saha Poddar, DMRT
 Dr. Chandan Banerji, DGO, DMRT
 Dr. Somapriya Basu Roy, M.Sc, DRP, PhD
 Mr. Sanjay Kumar Kar, M.Sc, DRP
 Dr. Somnath Roy DMRT, MD

Designation

Professor & Head
 Professor
 Professor
 Assistant Professor
 Assistant Professor
 Assistant Professor
 Assistant Professor
 Assistant Professor
 Assistant Professor
 Assistant Professor
 RMO cum Clinical Tutor
 RMO cum Clinical Tutor
 RMO cum Clinical Tutor
 RMO cum Clinical Tutor
 RMO
 RMO
 Medical Physicist cum RSO
 Medical Physicist cum RSO
 Senior Resident

Postgraduate Trainees

MD

Session 2012-15	Session 2013-16	Session 2014-17
Dr. Imran Khan Dr. Anirban Halder Dr. Chandrima Banerjee Dr. Rituparna Biswas Dr. Subir Pal	Dr. Rajeev Bhattacharya Dr. Ranti Ghosh Dr. Biswadeep Chandra Dr. Soumen Mukherjee Dr. Vishnu Gopal Dr. Shiladitya RoyChoudhury	Dr Shreyas Ram Dr Dharmendra Singh Dr Vasudha Dr Avinab Acharya Dr Soma Halder Dr Tanmoy Byapari

DMRT

Session 2013-15	Session 2014-16
Dr Kouswhambi Kar Dr H. M. Alam Dr Aveek Mondal Dr Santosh Barik Dr Sayani Bhanja Dr Priyanka Biswas Dr Sukomal Das Dr Manoj Ghosh	Dr Ashabari Maity Dr Gowshik Rajkumar

2. Transfers & Postings

- Dr Alope Ghosh Dastidar was promoted as Assistant Professor in this department this year
- Dr Chandrani Mallik was promoted as Assistant Professor in this department this year.
- Dr Aramita Saha joined the department as R.M.O. Cum Clinical Tutor

3. 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. Sajal Kumar Ghosh

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

Dr. Aloke 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.

4. Regular academic activities

- Lecture Classes
- Bedside Clinics
- Radiotherapy including Brachytherapy Planning & machine handling
- Weekly seminars
- Weekly panel discussions
- Weekly theoretical examinations
- Regular Journal Club

5. Thesis publications of students and research information

- Dr Anirban Halder, Dr Chandrima Banerjee, Dr Rituparna Biswas, and Dr Imran Khan have submitted their thesis work.
- Dr Rajeev Bhattacharya, Dr. Ranti Ghosh Dr. Biswadeep Chandra Dr Soumen Mukherjee Dr Vishnu Gopal Dr Shiladitya Roy Choudhury and Dr Subir Pal are pursuing thesis work.
- Dr. Anshuman Ghosh, Dr. Anupam Datta, Dr. Susmita Sadhukahn, Dr. Abhash Shankar, Dr. Saptarshi Banerjee, Dr. Aruj Dhyani and Dr Somnath Roy have successfully passed MD (Radiotherapy) examination this year.
- Dr Dhanonjay Mondal, Dr Sarmistha Daripa, Dr Suman Chatterjee, Dr Aniruddha Mondal, Dr Dhiman Das and Dr Sukanya Mondal have successfully passed DMRT examination this year.

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 Dec 2013-Nov 2014—Male-2082, Female-1389, Total-3471
- OPD location- Radiotherapy Department, Ground Floor.
- OPD attendance- From December 2013- November 2014 -17854
- Special Clinic (Tumor Board) attendance: From December 2013- November 2014 —1409
- New cases registered: From December 2013- November 2014 —2987
- Number of radiation exposures by Radiotherapy: From December 2013 - July 2014 —9116.
- Number of radiation exposures by Brachytherapy: 292
- Number of cases receiving Chemotherapy: 3581
- Paramedical course- DRT is being taught, no of students- 6.

Admission and Transfer of patients are recommended by Tumor Board only, held on every Tuesday and Friday at 12 noon.

Rheumatology

Faculty

Designation	Name & qualification
Professor & Head	Dr. Alakendu Ghosh, DNB (Medicine)
Professor	Dr. Parasar Ghosh, MD (Medicine), DM (Clinical Immunology)
Associate Professor	Dr. Geeta Bali Sircar, M.D.(Medicine)
	Dr. Biswadip Ghosh, D.A, M.D.(Medicine)
Assistant Professors	Dr. Subhankar Haldar, M.D.(Medicine)
	Dr. Partha Ghorai, M.D.(Medicine)
	Dr. Atanu Pal, M.D.(Medicine)
	Dr. Hira Manik Sit, M.D.(Medicine)
RMO cum Clinical Tutor	Dr. Dipendra Nath Ghosh, M.D.(Medicine)
	Dr. Anupam Maity, M.D.(Medicine)
	Dr. Arghya Chattopadhyay, M.D.(Medicine)
Radiologist	Dr. Debasish Lahiri MBBS, DMRD
DM Student 2nd Year	Dr. Shyamashis Das
	Dr. Kaushik Basu
DM Student 1st Year	Dr. Rudra Prasad Goswami
	Dr. Sumantro Mondal
Senior Resident	Dr. Debanjali Sinha

PhD Scholars

PhD Scholars	Aharna Guin Pal Sampurna Roy Choudhury Mazumder Ayindrila Saha Basak Sanchaita Misra Sudipta Chatterjee
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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
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Lab and office staff

Laboratory Technician	Halim Molla Bikash Chandra Purkait
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
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Outpatient services	Rheumatology OPD	Thrice/week (Monday, Wednesday & Friday)	250 -300 per day
	Lupus clinic	Once/week (Tuesday)	55 -80 per week
	Early Arthritis clinic/Scleroderma clinic/Vasculitis clinic/Biologics board	Once/week (Thursday)	45 -65 per week
	Metabolic Bone Diseases Pediatric Rheumatology	Once/week (Saturday) Once / Month (Saturday)	15-25 per day 40-50 per visit
Indoor (Male)	2 nd Floor	Monday to Saturday	8 -12 per month
Indoor (Female)	3 rd Floor	Monday to Saturday	18 -22 per month
Day Care	Intra Articular Injection Nerve Biopsy Muscle Biopsy Injection Endoxon Intravenous Injection Biologics (Infliximab, Rituximab, Tocilizumab, Abtacept etc.) Lip biopsy		60 per week 1 per week 1 per week 70 per week 1 per week 3 per week

Imaging	BMD DEXA	Twice/week (Tuesday & Thursday)	20 -30 per week
	MSK-USG/PDUS	Monday to Saturday	50-60 per week
	E-MRI	Temporarily not functioning for logistic reason	
	Kidney biopsy –USG guided		3 per week
	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	1) Interactive case presentation by PDTs on every Monday 2) Basic Immunology classes on every Wednesday 3) Clinical Rheumatology classes on every Friday
Afternoon session	1) Journal club on every Tuesday 2) Seminars on recent advances on every Thursday by PDTs and Faculties 3) Seminars on basic research in Immunology on every Thursday by PhD students.

Achievements and support

We, in Kolkata, are having a relatively young full-fledged department of Rheumatology at the Institute of Post Graduate Medical Education and Research which is a tertiary care referral hospital under the Government of West Bengal. This is the only 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	Evaluation of Immunomodulatory activity of Black Tea (<i>Camelia sinensis</i>) Extract in Rheumatoid Arthritis : An In vitro Study of Expression of Inflammatory Molecules and Cytokines in Synovial Fluid and Tissue Cells of Patients of RA : National Tea Research Foundation
DST-FIST SUPPORT	DST FIST SPONSOR : DST – FIST infrastructural support for expanding its academic and research purpose and the same was sanctioned by DST

Future prospects

PROSPECT AREAS	Details
PATIENT CARE	PATIENT EDUCATION AND SUPPORT: We have already started creating 'patient education leaflets' in local languages.
LABORATORY SERVICE	IMAGING: With our MSK-Ultrasound and e-MRI [the 'Rheuma Lab' of the West] we aim to be the best in the country 1.5 Tesla MRI machine BMD machine Comprehensive pulmonary function workup unit Bedside echo-cardiography and ultra-sonography facilities for critical care management for indoor patients IMMUNOLOGY: The facility for autoantibody testing like ANA, Rheumatoid Factor, ANCA, Complements etc will be expanded
RESEARCH ACTIVITIES	EPIDEMIOLOGY: Already completed "Low Back Pain in WB" and MSK burden in WB Village. We like to extend this to create a "Musculoskeletal Disease Map of West Bengal" which will help in health care planning. CLINICAL RESEARCH: To be involve in more clinical research esp in thrust areas like Rheumatoid, Lupus, Osteoporosis, Fibromyalgia BASIC SCIENCE: The department envisages to be involving [projects already submitted to various science bodies] in basic areas like genetics of rheumatic diseases, herbal medicines, interdisciplinary topics.

Faculty news

Prof. Alakendu Ghosh - Publications

1. Ultrasonography as a useful modality for documenting sacroiliitis in radiographically negative inflammatory back pain: a comparative evaluation with magnetic resonance imaging. Oxford Rheumatology. March 2014
2. Correlation of oxidant status with oxidative tissue damage in patients with rheumatoid arthritis. Clin Rheumatol. 2014 Apr 10
3. A study of the prevalence of osteoporosis and hypovitaminosis D in patients with primary knee osteoarthritis. Journal of Clinical Orthopaedics & Trauma, Volume 5, Issue 4, Pages 199–202, December 2014.
4. Prevalence and risk factors for hand osteoarthritis. Indian Journal of Rheumatology, 9 (2014) 163-166, 2014.

Poster presented at IRACON 2014

1. Study to Find Out Base-line Variables Predicting Evolution of Early Arthritis into Rheumatoid Arthritis - Parasar Ghosh
2. Cardiovascular Autonomic Function in Systemic Lupus Erythematosus - Parasar Ghosh
3. Erythematous: A Study in Eastern India Prevalence of Subclinical Secondary Amyloidosis in Patients of Rheumatoid Arthritis - Geeta Bali Sircar
4. Clinical Profile of Patients with Anti-Phospholipid Syndrome: Observation From a Tertiary Care Centre in Eastern India - Hiranmanik Sit
5. Takayasu's arthritis – Experience in a tertiary care centre in Eastern India – Sumantro Mondal
6. Increased Risk of Insulin Resistance in long standing rheumatoid arthritis patients - Aharna Guin
7. Effectiveness of Black Tea extract on ROS mediated oxidative stress and other inflammatory parameters production in patients with RA in an in-vitro model system : preliminary experimental study - Sampurna Roy Choudhury

Platform presentation

Comparison between Colour Doppler Ultrasound and MRI in documenting response to treatment with NSAIDs and in assessing disease activity in non-radiographic spondyloarthritis - Debanjali Sinha

School of Digestive and Liver Diseases and Department of Hepatology

A. Faculty

Medical Gastroenterology

- Prof. Gopal Krishna Dhali
- Prof. Jayanta Dasgupta
- Dr. Kshaunish Das
- Dr. Sujay Ray
- Dr. Rajib Sarkar
- Dr. Debashis Misra

Hepatology and Center of Liver Research

- Prof. Amal Santra
- Prof. Abhijit Chowdhury
- Dr. Soma Banerjee
- Dr. Kausik Das
- Dr. Simanti Datta
- Dr. Souvik Ghosh
- Dr. Mahiuddin Ahammed
- Dr. Suparna Pal

GI and Liver Pathology

- Dr. Ranajoy Ghosh

GI Surgery & Anesthesia

- Prof. Goutam Chatterjee
- Prof. Sukanta Ray
- Dr. Sumit Sanyal
- Dr. Tuhin Subhra Mondal
- Dr. Tapas Ghosh
- Dr. Dibyendu Gharai
- Dr. Saikat Bhattacharya

B. Students/Trainees/Fellows

- | | |
|---|-----|
| • Senior Resident (GI Radiology & GI Surgery) | 02 |
| • DM (Medical Gastroenterology & Hepatology) | 19 |
| • Students pursuing PhD | 13 |
| • Students submitted PhD theses | Nil |

C. Medical Officers 04

Service information

OPD and In-patient service provided:

	New Patients	Old Patients	Total patients
OPD Service			
GE OPD	47003	20730	67733
Hepatology OPD	9127	8745	17872
GI Surgery OPD	1863	2208	4071
Indoor admission			
GE Indoor admission			1529
Hepatology Indoor admission			833
GI Surgery Indoor admission			359

Endoscopy service

Procedure	Number
Upper GI Endoscopy Diagnostic	8508
Upper GI Endoscopy Therapeutic	987
Colonoscopy	2112
ERCP	927
APC	117
Esophageal Dilatation	612
Fibro Scan	718
Liver Biopsy	307
Endoscopic Ultrasound	37
Double Balloon Enteroscopy	20

Radiology service

Procedure	Number
Diagnostic Ultrasound	5984
PTBD	29
PCD	
Diagnostic/therapeutic vascular intervention	40
NJ tube insertion	2
HVPG	5
PAIR	28
	1

Pathology service

Procedure	Number
Surgical Biopsy	160
Endoscopic Biopsy	1100
FNAC	180
Review biopsy	200

Liver ITU service

Admitted	173
Death	57

Gastro surgery service

Operative procedure	Number
Stomach & Esophagus	22
Small and large bowel	43
Gall Bladder	42
Bile Ducts	50
Pancreas	54
Liver + PHTN	18
Others	20
Total	249

Ongoing projects

Project name	Year
"Functional characterization of a new putative tumour suppressor gene, hELG1/ATAD5 and its correlation with hepatitis B virus (HBV) infection" Funding agency: CSIR PI: Dr. Soma Banerjee	2011 - 2014
"Determination of genetic susceptibility of Alcoholic Liver Disease by studying polymorphisms of selected candidate genes in NorthEast Indian population" Funding agency: DBT PI: Dr. Soma Banerjee	2012 - 2015
"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" Funding agency: West Bengal State DST PI: Dr. Soma Banerjee	2013 - 2016

<p>"Study to understand the importance and contribution of telomere, telomeric proteins and telomerase in the development of hepatocellular carcinoma"</p> <p>Funding agency: CSIR</p> <p>PI: Dr. Soma Banerjee</p>	2015 - 2018
<p>"Biology of Hepatitis B Virus of genotype D in an integrated clinico-Virological perspective"</p> <p>PI: Prof. Abhijit Chowdhury</p> <p>Funding agency: DBT</p>	2013 - 2016
<p>"Insight into the distribution and pathogenic potential of diverse Hepatitis B Virus subgenotypes underlying different clinical outcomes of chronic infection"</p> <p>Funding agency: CSIR</p> <p>PI: Dr. Simanti Datta</p>	2012 - 2015
<p>"Viral quasispecies diversity and associated peripheral and intrahepatic immunological events in Indian patients during different phases of chronic HBV infection-an insight into disease evolution"</p> <p>Funding Agency: West Bengal State DST</p> <p>PI: Dr. Simanti Datta</p>	2015-2018

Publications

1. Cryptogenic cirrhosis and NASH: entities in evolution and involution. Mahiuddin Ahammed SK, Chowdhury A. Trop Gastroenterol. 2014 Apr-Jun;35(2):65-70.
2. Association of IL28B single nucleotide polymorphism rs8099917 with response to treatment in genotype 3 HCV-infected patients from India. Chinnaswamy S, Das K, Bairagya BB, Bhattacharyya C, Shalimar, Duseja A, Amarapurkar D, Rosangluaia, Chowdhury S, Konar A, Majumder PP, Chowdhury A. Trop Gastroenterol. 2014 Apr-Jun;35(2):96-102.
3. Gut microbiomes of Indian children of varying nutritional status. Ghosh TS, Gupta SS, Bhattacharya T, Yadav D, Barik A, Chowdhury A, Das B, Mande SS, Nair GB. PLoS One. 2014 Apr 24;9(4):e95547.
4. 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. 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. PLoS One. 2014 Jul 17;9(7):e102573.
5. Endoscopy outreach and upper gastrointestinal bleed: an audit. Das K. Indian J Gastroenterol. 2014 Sep;33(5):478-9.
6. Novel point and combo-mutations in the genome of hepatitis B virus-genotype D: characterization and impact on liver disease progression to hepatocellular carcinoma. 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. PLoS One. 2014 Oct 15;9(10):e110012.
7. A rare HBV subgenotype D4 with unique genomic signatures identified in northeastern India--an emerging clinical challenge? 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. PLoS One. 2014 Oct 8;9(10):e109425.
8. Natural resolution or intervention for fluid collections in acute severe pancreatitis. Sarathi Patra P, Das K, Bhattacharyya A, Ray S, Hembram J, Sanyal S, Dhali GK. Br J Surg. 2014 Dec;101(13):1721-8.
9. Vascular complications of acute pancreatitis. Patra PS, Das K. Clin Gastroenterol Hepatol. 2014 Dec;12(12):2137-8.

Other academic activities

Oral and Poster presentation in International meeting: Poster presentation: In Falk Symposium 195, Friedburg, Germany.

1. "Differential Expression of Nicotinamide Adenine Dinucleotide Phosphate Oxidase (NOX) in the Development of Hepatic Fibrosis". Prof. Amal K Santra, Bidhan Chandra Chakraborty, Debasree Bishnu, Suman Santra, Gopal K Dhali, Abhijit Chowdhury.

2. "Cellular Mechanism of Hepatic Stellate Cells Activation with Conditioned Medium Derived from Isoniazid Treated Cytochrome P450 2E1 Overexpressing Hepatocytes". Suman Santra, Abhijit Chowdhury, Debasree Bishnu, Gopal K Dhali, Amal Santra.

Poster Presentation at AASLD 2014, BOSTON, USA

1. Hepatic Stellate Cells are activated in a Rac 1 dependent mechanism after engulfment of Isoniazid exposed dying hepatocytes – Role in drug induced fibrogenesis. **Suman Santra**, Abhijit Chowdhury, Debasree Bishnu, Gopal K Dhali, Amal Santra

Oral and Poster presentation in national meeting:

Oral presentation in Society of Biological Chemist, Kolkata Chapter

1. A rare HBV D4 Subgenotype with Unique Signatures Identified in North East India-an Emerging Clinical Challenge. **Mrs. Priyanka Banerjee**.
2. Novel miRNA signatures in Tissue and plasma of Hepatitis B infected hepatocellular carcinoma patients: its diagnostic potential. **Mr. Amit Ghosh**.

Oral Presentation in CCHUGE one day symposium October, 2014

1. Promising candidate miRNA biomarker in both tissue and plasma for early detection of hepatocellular carcinoma among high risk chronic hepatitis B virus infected patients. **Mr. Amit Ghosh**.

Poster Presentation in RNA Biology meeting, Kolkata

1. Novel miRNA signatures in Tissue and plasma of Hepatitis B infected hepatocellular carcinoma patients: its diagnostic potential. **Mr. Amit Ghosh**.

Invited lectures

1. Dr. Simanti Datta at Department of Human Genetics of the Guru Nanak Dev University. "Tracing the dynamics of hepatitis B virus (HBV) and host immune response in E-negative chronic infection".

Poster Presented by DM residents

ACG 2014 . Philadelphia [USA]

Prospective and dynamic analysis of Economic burden , Depression and Anxiety, Diet, Nutritional and Employment status in patients with Idiopathic Chronic Calcific Pancreatitis in India
Pankaj Singh , Kshaunish Das , Gopal Krishna Dhali , Rajib Sarkar , Kausik Das , Abhijit Chowdhury.

AASLD 2014 . Boston [USA]

Dynamics of Adiposity determine evolution of non-alcoholic fatty liver even in lean subjects: a prospective cohort study.
Pankaj Singh , Debashis Misra , Gautam Ray , Kausik Das , Gopal Krishna Dhali , Amal Santra , Abhijit Chowdhury

Accepted for ISGCON 2014 . Mumbai

Economic , Psychological & Nutritional burden in patients with Non – Alcoholic Chronic Calcific Pancreatitis in India. Pankaj Singh , Kshaunish Das.

Abstracts submitted for EASL 2015

- Percutaneous drainage may not be necessary in a significant subset of patients with complicated liver abscess
Saptarshi Bishnu, Partha S. Patra, Saswata Chatterjee, Debashis Misra, Gopal K. Dhali, Kausik Das, Abhijit Chowdhury.
- Natural course of compensated cryptogenic cirrhosis: evidence of phenotypic Diversity. Saswata Chatterjee, Sk M. Ahammed, Saptarshi Bishnu, Abhijit Chowdhury, Kausik Das
- Reduced T cell activation, regulatory T cell mediated suppression and Compromised natural killer cell function characterize immune tolerant phase of chronic HBV infection. Madhuparna Nandi, Sourina Pal, Gautam Ray, Kausik Das, Sumantra Ghosh, Soma Banerjee, Amal Santra, Abhijit Chowdhury, Simanti Datta

General Surgery

1. Staff

Faculty

Name of officer	Degrees	Post/Designation
Prof. Bitan Kumar Chattopadhyay	M.S.(Cal)	Professor and Head
Prof. Makhan Lal Saha	MS(PGI)	Professor
Prof. Prabhas Kumar Sarkar	M.S.(Cal)	Professor
Prof. Abhimayu Basu	M.S.(Cal)	Professor
Prof. Amitabha Sarkar	M.S.(Cal)	Professor
Prof. Prasanta 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 Ganguli	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	M.S. (Cal)	Assistant Professor
Dr. Soumen Das	M.S. (Cal)	Assistant Professor
Dr. Sourabh Das	M.S.(Cal)	Assistant Professor
Dr. Md. Tanveer Adil	M.S. (Cal)	Assistant Professor
Dr. Tripurari Kumar	M.S. (Cal)	R.M.O. cum Clinical Tutor
Dr. Asif Ayaz	M.S.(Cal)	R.M.O. cum Clinical Tutor
Dr. Prakash Bhagat	M.S.(Cal)	R.M.O. cum Clinical Tutor
Dr. Somnath Biswas	M.S.(Cal)	R.M.O. cum Clinical Tutor
Dr. Mainak Pal	M.S.(WBUHS)	R.M.O. cum Clinical Tutor
Dr. Bappaditya Sarkar	M.S.(Cal)	R.M.O. cum Clinical T
Dr. U K Biswas	MBBS (Cal)	Medical Officer
Dr. A Mukherjee	MBBS (Cal)	Medical Officer

Postgraduate (MS) trainees

3rd Year (2012-2015)	2nd Year (2013-2016)	1s Year (2014-2017)
<ul style="list-style-type: none"> Abhishek Kumar Anshuman Aashu Partha Sarathi Mandal Raghavan Sriniket Raunak Shinde Kamal Singh Kanwar Sanjeev Kumar Choudhury Rahul Dhar Abhishek Singh Suwendu Maji Chandranath Adhikary Hasan Subid 	<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 Mukherjee

Transfers & postings

- Dr. Shyamal Halder has been transferred on promotion to Malda Medical College as Professor.
- Dr. Santanu Sinha and Dr. Partha Sarathi Ghosh have joined as an Associate Professor and Assistant Professor respectively.
- Dr. Subhasis Saha has been promoted to Associate Professor.
- Dr. Md. Tanveer Adil has joined the Department from CNMC on promotion to Assistant Professor.
- Dr. Pranab Kumar Mandal has joined as a R.M.O. cum Clinical Tutor on transfer and promotion from Asansole SD Hospital.

2. Faculty news

Prof. (Dr.) Amitabha Sarkar

1. Served as an external examiner in the 3rd professional part II examination (Supple) M. B. B. S 2014 at Burdwan Medical College, Burdwan Medical College.
2. Completed thesis work as guide in I.P.G.M.E.R named;
 - a) Clinico pathological study of small intestinal perforation in adults.
 - b) A comparative study of wound dressing with platelet derived growth factor (PDGF), epidermal growth factor(egf) and normal saline (NS) [Control Group] in ischemic ulcers in adults (session 2012 – 15)
3. Conducting thesis work as guide in I.P.G.M.E.R named;
 - a) A comparative study of repair of complex ventral hernias with double mesh repair(sandwich technique) and simple mesh repair in adult patients admitted in general surgical wards,
 - b) A study on early complications of total parenteral nutrition in emergency and elective pre and post operative adult surgical patients.
4. Adjudicator of M.S. thesis works sent by West Bengal Health University and other University outside West Bengal.
5. Published research article: -
A study of the factors related to Abdominal wound dehiscence –
JIMA, Vol – III, No. – 12 (847-849) Dec - 2013
6. Regular participation in seminars, journals, sessions, clinical meetings, audits & holding clinics and lectures for M.B.B.S & Post Graduate Students.

Prof (Dr.) Prasanta Kumar Bhattacharya

1. Paper Setter (Ms, General Surgery): Tripura University, Agartala.
2. Guide And Adjudicator For Dissertations (Ms, General Surgery): West Bengal Health University.
3. External Examiner For Ms General Surgery / Mbbs Examinations At Assam Medical College, Dibrugarh And Guwahati Medical College (Guwahati).
4. Reviewer For Indian Journal Of Surgery (Decision Making In Bowel Obstruction: A Review :Ijos-D-13-00748r1
5. Faculty For The Post Graduate Cme Course2014 (7th Modular Course, Part 1, Ipgme&R, 21st-25th July, 2014).... "Pancreatic And Biliary Fistula.....Ward Rounds" 23/07/14.
6. Observer For The Post Graduate Cme Course2014 (7th Modular Course, Part II, Rkmsv, 3rd Dec 2014.
7. ARTICLES PUBLISHED:
 - a) Laparoscopic Cholecystectomy: A Single Surgeon's Experience in some of the Teaching Hospitals of West Bengal": INDIAN JOURNAL OF SURGERY (ONLINE).
 - b) "Combined adenocarcinoma-carcinoid tumor of transverse colon- a case report" Journal of Cancer Research and Therapeutics: 9(4): 746-47.
 - c) "Merkel cell carcinoma: a rare presentation" Journal of Cancer Research and Therapeutics: 10(2): 399-400.
8. ACCEPTED FOR PUBLICATION:
 - a) Atypical accidental abdominal impalement: 2 case reports..... african journal of trauma.
9. UNDER CONSIDERATION FOR PUBLICATION:
 - a) Retroperitoneal hydatid cyst presenting with acute retention of urine- a case report: JOURNAL OF MEDICAL SCIENCES.
 - b) "Demographic and clinico-pathological profile of patients with chronic pancreatitis in a tertiary referral teaching hospital of West Bengal": INDIAN JOURNAL OF SURGERY.

- c) "An open label prospective randomized controlled trial of mechanical bowel preparation vs nonmechanical bowel preparation in elective colorectal surgery": INDIAN JOURNAL OF SURGERY.

Dr. Parthasarathi Ghosh

- Attended ASICON-2013 at Ahmedabad, Gujrat
- Acted as a facilitator in Basic Course Workshop in Medical Education Technologies conducted by King George's Medical University at NBMC from 26th. to 28th. March, 2014
- Training on Laparoscopic Hernia Repair at EISE, Delhi on August 4th. and 5th., 2014
- PUBLICATIONS
 - Samaddar D, Ghosh PS, Norbu C, Pandit N, Basunia JSR, Borikar M. An unusual case of ovary and fallopian tube in inguinal hernia. J Surg Arts (Cer San D), 2014;7(2): 92-94
 - Roy B, Mukherjee R, Ghosh PS, Halder SK, Dhar D. Penile fracture and its outcome: Our experience at R.G.Kar Medical College, Surg Chron 2014; 19(3): 133-135.
 - Samaddar D, Ghosh PS, Pal TK, Norbu C, Basunia JSR, Misra P. Double intussusception of ileum through a patent vitellointestinal duct. Surg Chron 2014; 19(3):164-165

3. Regular academic activities

The department of Surgery had an extraordinary academic activity in the last year. Eminent academicians from different institutions glamorized our Saturday weekly clinical meetings on several occasions in the last year. IAGES held their monthly clinical meetings in our department on several occasions. The Department served as the conference secretariat for the ABSICON – 2014, the annual national conference of Association of Breast Surgeons of India (ABSI) which was as well a surgical oncology of the breast update and attended by several Post Graduate Trainees and surgeons from different parts of the country.

Regular departmental academic schedule included (held 6 days a week) case discussions, clinical meetings, journal club meetings, topic seminars, periodic faculty and guest lectures. Department conducts regular Audit meetings on monthly basis. The department runs a dedicated Endocrine and Metabolic (at our OPD on Saturdays) and Breast Clinic (at Shambhunath Pandit Hospital on Saturdays).

4. Research projects

Title	Sponsoring Agency	Amount of funding	Duration years
CA 15-3 as a major factor of predicting occult tumor burden in patients with breast cancer	DST West Bengal	Rupees 27 lakh 35 thousand and 6 hundred	3 years

Thesis projects (Batch 2012-15)

Name	Topic	Guide/ Co-Guide
Dr Hassan Subid	Observational Study Of Varied Spectrum Of Benign Breast Disease Among Indian Female Patients	Prof. Dr. D.K. Sarkar (Co) Dr. Suvro Ganguly
Dr. Rahul Dhar	Spectrum Of Oral Cancer In Indian Patients	Prof. Dr. D.K. Sarkar (Co) Dr. Suvro Ganguly
Dr. Raunak Shinde	Observational Study Of Psychosocial And Surgical Outcomes Of Breast Reconstruction Following Mastectomy	Prof. Dr. Bitan K. Chattopadhyay (Co) Dr. Sandip Basu (Plastic Surgery)
Dr. Sanjeev Kumar	A Study Of Non-Surgical Treatment And Surgical Treatment Of Chronic Anal Fissures	Dr. Rajat S. Morel (Co) Prof. Dr. Bitan K. Chattopadhyay
Dr. Suvendu Maji	Prognostic Significance Of Peritoneal Washing Cytology In Patients With Gastric Cancer	Prof. Dr. Makhan L. Saha (Co) Dr. Chanda Dutta (Pathology)
Dr Kamal	A Study Of Abdominal Wound Dehiscence In Patients	Prof. Dr. Makhan L. Saha

Kanwar	Undergoing Laparotomy With Different Techniques Of Wound Closure	(Co) Prof. Dr. D.K. Sarkar
Dr. Chandranath Adhikari	A Comparative Study Of Wound Dressing With Platelet Derived Growth Factor (Pdgf), Epidermal Growth Factor (Egf) And Normal Saline(Control Group) In Ischaemic Ulcers In Adults	Prof. Dr. Amitabha Sarkar (Co) Dr. Anadi Acharya
Dr. Abhishek Kumar	A Clinicopathological Study Of Small Intestinal Perforation In Adults	Prof. Dr. Amitabha Sarkar (Co) Dr. Anadi Acharya
Dr. Anshuman Aashu	A Prospective Study Of Incidence Of Complications In Laparoscopic Surgery In A Tertiary Care Centre	Prof. Dr. Prasanta K. Bhattacharya (Co) Dr. Shyamal K. Halder
Dr. Partha S. Mondal	Prospective Randomised Comparative Study To Assess The Efficacy Of Local Amikacin In Delayed Port Site Infection After Laparoscopic Cholecystectomy	Dr. Shyamal K. Halder (Co) Prof. Dr. Prasanta K. Bhattacharya
Dr. Abhishek Singh	A Prospective Study Of Outcome In Colorectal Surgery Adopting Enhanced Recovery After Surgery (Eras) Protocol	Prof. Dr. Bitan K. Chattopadhyay (Co) Dr. Sumit Sanyal (Surgical Gastroenterology)
Dr. Sriniket Raghavan	Efficacy And Safety Of Total Thyroidectomy In Multinodular Goitre And Graves' Disease	Dr. Anadi Acharya (Co) Dr. Subhasis Saha

Thesis projects (Batch 2013-16)

Name	Topic	Guide	Co-Guide
Dr. Amit Kumar Das	A Study On The Epidemiology And Clinico-Pathological Profile Of Triple Negative Breast Cancer.	Dr. Diptendra Kr. Sarkar	Dr Suvro Ganguly
Dr. Anirban Das	A Study On Importance Of Molecular Subtyping As A Prognostic Indicator Of Breast Carcinoma	Dr. Diptendra Kr. Sarkar	No Co Guide
Dr. Somen Sanfui	Clinicopathological Study Of Acute Appendicitis And Comparison Between Usg, Laboratory Data And Alvarado Scoring On Diagnosis	Dr. Sukanata Ray	Dr. Bitan Kr Chattopadhyay
Dr. Chaina Pal	Comparison Of Immediate Post Operative Outcomes Of Different Inguinal Hernia Repair Procedures By Open And Laparoscopic Method	Dr. Bitan Kr Chattopadhyay	Dr. Susnata De
Dr. Barun Kumar	Physiological Changes In Laparoscopic And Open Cholecystectomy- A Prospective And Analytical Study	Dr. Bitan Kr Chattopadhyay	Dr. Susnata De
Dr. Harish Kela	Clinopathological Study Of Diabetic Foot Ulcer With Particular Reference To Risk Factors And Its Management Outcomes In A Tertiary Care Hospital In Kolkata	Dr. M.L.Saha	Dr. Sumit Chakraborty
Dr.Gaurab Dasgupta	Observational Study Of Routine Measurement Of Intra-Abdominal Pressure Through Transvesical Route And Correlation Between Raised Intra Abdominal Pressure And Adverse Outcomes In Laparotomy Patients	Dr. M.L.Saha	Dr. D.K.Sarkar
Dr. Arnab Mandal	A Study On Complication Of Total Parenteral Nutrition In Emergency And Elective Pre And Post Operative Adult Surgical Patient	Dr. Amitabha Sarkar	Dr.Amit Ray
Dr. 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	Dr. Amitabha Sarkar	Dr. Amit Ray
Dr. Anil Kumar Yadav	A Prospective Randomised Study Of Tension Free Inguinal Hernia Repair By Lichtensteins Technique And Pure Tissue Repair Using External Oblique	Dr. Prosanta Kr. Bhattacharjee	No Co-Guide

	Aponeurosis Flap		
Dr. Aditya De	Clinical Study Of Gall Bladder With Special Reference To Its Management	Dr. Shyamal Kr. Halder	No Co-Guide
Dr. Pratik Das Adhikary	Comparative Study Of Small Incision Open Cholecystectomy With Laparoscopic Cholecystectomy	Dr. Prosanta Kr. Bhattacharjee	No Co-Guide
Dr. Nikhilesh Jibhakate	Comparison Between Suction Drain And No Suction Drain After Breast Surgery	Dr. Shyamal Kr. Halder	Dr. D.K.Sarkar
Dr. Gaurab Das	Role Of Abdominal Drain In Uncomplicated Open Cholecystectomy : A Prospective And Randomized Controlled Trial	Dr. Probhas Kumar Sarkar	No Co-Guide
Dr. Bikash Chandra Dey	Comparison And Assessment Of Surgical Method In Respect To Royux-En-Y Jejunostomy Made By End-To-Side Versus Side-To-Side Anastomotic Technique	Dr. Probhas Kumar Sarkar	No Co-Guide

5. Service information

Beds location (ward, building)

Curzon ward- male (74 + 12) Victoria ward- female(64) (both located in Main block)
 EOW (Male) - 22 EOW (Female) - 22 (in the Emergency block)
 No. of beds: Male- 108 Female- 86 Total-194

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. The OPDs have recently been air-conditioned, fulfilling a long standing demand of the patients and the clinicians alike.

OPD Attendance

- Yearly total 60,897
- New 38,478
- Old 22,419

Indoor Admission

- Victoria Ward – 1311
- Curzon Ward – 1938
- EOW - 435
- Woodburn Ward - 131

Procedures/Investigations performed

Major Surgeries(Main OT Complex) performed: **2429**
 Emergency surgeries(NER OT) performed Major : **386** Minor : **224**
 Day Care procedures performed (minor): **1698**

Units:

Units composition: 6 units :

Other patient-interface related information:

Follow up clinics are also run for each unit on different days
 Department also runs a specialty clinic: Metabolic and Endocrine Clinic at OPD and Breast Clinic at SNP Hospital both on Saturdays only.

Urology

1. Staff

Faculty

Name	Qualification	Post
Prof. Malay Kuma Bera	DMRT, MCh (Urology)	Professor and HOD
Prof. Dilip Kumar Pal	MCh (Urology)	Professor
Dr. Bastab Ghosh	MCh (Urology)	Assistant Professor
Dr. Sunirmal Choudhary	MCh (Urology)	RMO cum clinical tutor
Dr. Sandeep Gupta	MCh (Urology)	RMO cum clinical tutor
Dr. Rajeev Ranjan	MS (General Surgery)	RMO cum clinical tutor

Postdoctoral (MCh) trainees

2012-2015	2013-2016	2014-2017
Dr. Rajendra Ray	Dr. Deepak Biswal	Dr. Sayak Roy
Dr. Deepak Gupta	Dr. Sanjay Kumar	Dr. Kartik Sridhar
Dr. Anurag Puri	Dr. Varun Wats	Dr. Vipin Chandra
Dr. Debojit Gogoi	Dr. Vijay Sarma Madduri	Dr. Dipak Bera
Dr. Rajkumar Singha Mahapatra	Dr. Debiprasad Das	Dr. Surajit Sasmal
Dr. Partho Mondal	Dr. Soumya Mondal	

Faculty news

Workshops conducted by the department

- PCNL workshop conducted in the department of urology (invited faculty Dr.SK Pal)
- Regular Olympus training programme (Endourology) for post-doctoral trainees from different medical institutions.

Workshops attended

- Prof. M. K. Bera attended a renal transplantation workshop as faculty in the department of urology in SCB Medical College Cuttack
- USICON 2014 (NEW DELHI) – Attended by all faculty members
- Prof. M. K. Bera chaired podium & poster session
- Prof. D. K. Pal was the chairperson for the video sessions
- PERCON 2014(NEW DELHI)- Attended by faculty members
- EAST ZONE USICON 2014(KAZIRANGA, ASSAM) – Attended by faculty members

Orations

Dr. Rajeev Chaterjee memorial oration – Prof. M. K. Bera

Projects and research activities

Major Research Project ongoing by Prof. D. K. Pal

Title of Project	Funding Agency	Duration	Remarks
Mutations/Polymorphism(s) of CaSR,VDR,CLDN-14,MGP and Osteopontin genes associated with Kidney Stone Disease in West Bengal, India	Applied for fund to Bhaba Atomic research Centre	Mar 13-Jul 16	Ongoing
Identification of susceptible genes in arsenic induced bladder cancer in West Bengal, India	Approved by WBDBT vide letter No- 445(4)/ BT(Estt)/ RD- 13/2014 dated 08.04.2014	May 13-Oct16	Project No- BT(Estt)RD-13/2013: Dept. of Biotechnology, Govt. of West Bengal

Thesis topics

2012-2015	2013-2016	2014-2017
Dr. Rajendra Ray- A prospective study comparing two methods of pain control in TRUS guided biopsies : Periprostatic block vs intrarectal gel	Dr. Deepak Biswal – A randomized trial comparing intraspongiosal block vs intraurethral lignocaine in VIU for short segment urethral strictures	Dr. Sayak Roy- Demographical study of renal transplant patients and pre op and post op comparison of donor status
Dr. Deepak Gupta – Comparison between lingual and buccal mucosal graft in urethroplasty	Dr. Sanjay Kumar- Study of arsenic associated bladder cancer in west Bengal	Dr. Kartik Sridhar- A comparison between PCR, IVU, bladder biopsy and urine afb culture for the diagnosis of genitourinary tuberculosis: A Prospective study
Dr. Anurag Puri – An observational study to correlate the outcomes of patients of renal stones treated with ESWL with respect to stone Hounsfield density and skin to stone distance	Dr. Varun Wats – Stented vs Non stented ureteroneocystostomy in renal transplantation	Dr. Vipin Chandra – A study on the role of HPV in the causation of carcinoma prostate
Dr. Debojit Gogoi- Physiological changes in renal transplant donors after transperitoneal vs retroperitoneal donor nephrectomy	Dr. Vijay Sarma Madduri – A prospective study of Monopolar transurethral resection of prostate and bipolar transurethral resection of prostate in saline for BPH	Dr. Dipak Bera – To study the role of arsenic in muscle invasive bladder cancer
Dr. Rajkumar – Penile fracture : presentation,management ,outcome with special reference to preservation of erectile function	Dr. Debiprasad Das – Assessment and classification of postoperative complications following urological surgeries as per Clavien and Dindo classification: A prospective study	Dr. Surajit Sasmal – The role of post operative tranexemic acid in PCNL- a prospective study
Dr. Partho Mondal –Epidemiological study of urological malignancies in the younger age group	Dr. Soumya Mondal –Erectile dysfunction among patients of urethral stricture : A pre and a post operative assessment	

Papers presented

1. Madduri VKS ,Ghosh B, Bera MK, Pal DK – Role of open pyeloplasty in low resource settings (Podium presentation in EZUSICON-2014)
2. Puri A, Ghosh B, Pal DK, Bera MK- Lingual Mucosal Graft urethroplasty for anterior urethral reconstruction. (Podium presentation in EZUSICON -2014)
3. Guha M, Das M, Puri A, Pal DK - Genetic analysis of CaSR, VDR and CLDN14 Genes in patients with kidney stone disease(Podium presentation in EZUSICON 2014)
4. Puri A, Awasthi N, Pal DK, Bera MK, Kundu AK- Prospective study to evaluate clinical presentation and surgical outcomes of penile fracture. (Podium presentation in USICON 2014)
5. Debojit Gogoi , Ghosh B,Pal DK , Bera MK - Video on pneumovesicoscopic repair of VVF (EZUSICON-2014)
6. Debojit Gogoi ,Ghosh B,Pal DK,Bera MK –Adrenal angiomyolipoma (poster presentation EZUSICON 2014)
7. Debojit Gogoi,Choudhary Sunirmal,Ghosh B,Pal DK,Bera MK – A prospective study comparing transperitoneal vs reteroperitoneal laparoscopic donor nephrectomy (Podium presentation USICON 2014)
9. Ray RP , Ghosh B ,Pal DK,Bera MK –Long term complications of JJ stents and their management(podium presentation in EZUSICON-2014)
- 10 . Biswal D,Ghosh B,Bera MK-Laparoscopic ureteroneocystostomy for post hysterctomy ureterovaginal fistula (podium presentation EZUSICON 2014)

Publications

1. Mahapatra RS , Priyadarshi V, Madduri VK, Pal DK – Trans rectal placement of an incense stick in a child presenting with a foreign body in the bladder (BMJ case reports 2014)
2. Puri A , Ghosh B,Bera MK,Pal DK- Forgotten DJ stent with a large calculus at its distal end in an ileal conduit diversion Case Rep Urol 2014 Doi : 10.1155/2014/684651
3. Gogoi D,Hazra S,Ghosh B,Pal DK – Angiosarcoma of the penis BMJ case report 2013 ;10.113t/bcr-2013-200878
4. Hazra S,Awasthi N,Gogoi D,Chakraborty SC,Pal DK – Metanephric adenoma of the kidney UroToday Int J 2013 December;6(6)

5. Hazra S, Priyadarshi V ,Gogoi D ,Sharma PK , Pal DK ,Chakraborty SC –Pediatric priapism : A rare first manifestation of leukemia APSP J Case Rep 2014 Oct
6. Priyadarshi V ,Gogoi D ,Bera MK,Pal DK – Rhabdomyosarcoma of the kidney APSP J case rep 2014 may
7. Shwetank Mishra, Hemant Goel, Nipun Awasti, Anurag Puri, Rajkumar Mahapatra, D. K. Pal. Primary adenosquamous carcinoma of the prostate: a rare aggressive tumour. Clinical genitourinary cancer 12:1, e29-31:2014 (<http://dx.doi.org/10.1016/i.dgc.2013.08.006>)
8. Singh J P, Chakraborty D, Bera M K, Pal D K Leiomyosarcoma of prostate: a rare, aggressive tumor. J Can Res Ther 2013;9; 743-5.
9. Vinod Priyadarshi, RajKumar Sinhamahapatra, Anup Kumar Kundu, Dilip Kumar pal. development of VVF following double J stent placement. BMJ Case Reports 2014. doi:10.1136/bcr-2013-203038
10. Vinod Priyadarshi, debojit Gogoi, Malay Kumar Bera, Dilip Kumar Pal. Rhabdomyosarcoma of urinary bladder. APSP J case Reports 2014;5(2):24-25.
11. Dilip Kumar Pal, Kaushik sarkar, Debasis Chakraborty. Myofibroepithelial polyp of the ureter.APSP J Case Reports 2014; 5(2):18-19.
12. Hazra SP, Mahapatra RS, Chakraborty D, Pal DK. Epidermoid cyst of the glans penis. Indian J Dermatol Venereol Leprol 2014; 80:279-280.
13. RajKumar Sinhamahapatra, Vinod Priyadarshi, Vijay Kumar Sarma Madduri, Dilip Kumar Pal. Transrectal impalement of an incense stick in a child presenting as foreign body in the urinary bladder. BMJ Case Reports. doi:10.1136/bcr-2014-204689
14. 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 Surg , Published online:04 December 2013: DOI 10.1007/s12262-013-1009-y.
15. Vinod Priyadarshi, Hemant Kumar Goel, Malay Kumar Bera, DilipKumar 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.
16. Anurag Puri, Vinod Priyadarshi, Nivedita Raizada, Dilip Kumar Pal. Forgotten DJ stent with a large calculus at its distal end in an ileal conduit diversion. Case Reports in Urology,Vol-2014(2014), Article ID 684651.
17. Raj Kumar Sinhamahapatra, Rajendra Prasad Ray, Swetank Mishra. Urethrocuteaneous fistula following fracture penis. Uro Ann 2014; 6: 302-4. DOI: 10.4103/0974-7796.141015
18. Vinod Priyadarshi, Jitendra Pratap Singh, Debasis Chakraborty, Dilip Kumar Pal. Plasma cell granuloma of the urinary bladder: A pseudotumour- A clinical dilemma. Urology Annals 2014;6(4); 387-390. DOI: 10.4103/0974-7796.141011.

Papers in press:

1. Puri A,Pal DK,B Ghosh,Bera MK - "Congenital megalourethra: A case report of an isolated delayed presentation" to International Journal of Adolescent Medicine and Health (IJAMH)
2. Ray RP, Mahapatra RS,Monadal PP,Pal DK : Long term complications of JJ stents and its management : A 5 year review (Urology Annals – accepted in August 2014)
3. Hemant kumar Goel, Tapas Kumar Maji, AnupKumar Kundu, Dilip Kumar Pal. Retained fragmented double J Stent-Soudi Journal of Kidney Diseases and Transplantation. (Ref No.- SJKDT_332_12 Accepted on 06.02.13)
4. Nipun Kumar Awasthi, Hemant Kumar Goel, RajKumar Singhamahapatra, Dilip Kumar Pal- Incomplete bladder duplication with multiple congenital anomalies- a rare presentation. Urology Annals (Ref No- UA 8313) send on 03.04.2013. Accepted on 25.05.13
5. Swetank Mishra,Dilip Kumar pal- Retroperitoneoscopic Urological procedures- Feasibility and Learning Curve of an Institution. International Journal of Students' Research (Ref No-39)--Accepted
6. Swetank Mishra, , Pal DK. Primary syevnovial Sarcoma of Kidney -A Case Report. Saudi Journal of Kidney Disease & Transplantation. (Ref No-SJKDT_90_13)-accepted
7. Priyadarshi V, Pal DK.Angiosarcoma of penis: A case report of an aggrasive penile carcinoma. Urology annals, Accepted on 25.09.13 .
8. Ray Rajen P, Mahapatra rajkumar S,Khullar Siddhartha, Pal Dilip K, Kundu Anup K. Clinical characteristics of renal cell carcinoma: five years review from a tertiary hospital in eastern India. Indian Journal of Cancer (Manuscript No- IJC_474_13) Nov,20 accepted on 05.12.13.
9. Vinod Priyadarshi, Anurag Puri, Jitendra Pratap Singh, Swatank Mishra, Dilip Kumar Pal,Anup Kumar Kundu .Meatotomy using topical anesthesia: A painless option. Urology Annals. Accepted on 11.02.14.

Regular academic activities: Morning (9 am – 10 am)

- Tuesday - Journal club
- Thursday - Case presentation
- Saturday - Seminar

Service information**OPD attendance** (01/12/2013-30/11/2014)

Total	New	Old
38,542	16867	21,675

Bed distribution

Male	Female	Child	Woodburn	Recovery room for transplantation
24	12	4	20	2

Admissions in urology ward

Male ward

Paying	Free	Total
340	210	550

Female ward

Paying	Free	Total
212	120	332

Woodburn ward

Paying	Free	Total
38	2	40

Renal transplantation

Tuesday is the day for our renal transplantation and we perform one transplant weekly with the help of nephrology and CTVS

Total number of renal transplants done from (01/12/2013-30/11/2014): 48

USG guided procedures (01/12/2013-30/11/2014)

TRUS GUIDED PROSTATIC BIOPSY: 124 (PAYING 40, FREE-20)

USG GUIDED PCN: 52

Uroflowmetry

2228 (PAYING-1800, FREE -428)

Urodynamic studies

330 (Paying – 270, Free- 60)

ESWL

Total	1st sitting	2nd, 3rd, 4th sitting
746	540	206

Major operations

Paying	Free	Total
476	450	926

Minor operations

Paying	Free	Total
1300	400	1700

Neuroanaesthesiology

Faculty

Professor & Head.	Dr. Amita Acharya DA, MD
Associate Professor	Dr. Sankari Santra MD
Assistant Professor	Dr. Saikat Neogi Dr. Indrani Chakraborty
R.M.O.	Dr. Pradipta Mitra Dr. Tapobrata Mitra Dr. Sabyasachi Nandi
Senior Resident	Dr. Soumendu Ghosh Dr. Monisankar Nath
Students	Two students of Diploma in critical care and technology course

Transfers & postings

- **Dr. Jayanta Chakraborty** Promotional transfer to Burdwan Medical College May 2014

Faculty news

- Delivery of lectures or orations and taking part in panel discussion by teachers at conferences of the state and national level.
- Participate at XIth Annual Post Graduate Assembly-2014 conducted by Department of anaesthesiology. IPGME&R, Kolkata, where postgraduate students from various medical colleges from this state and also other states participate which is an examination oriented refreshers course.
- Roatating 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 post graduate students of department of anaesthesiology IPGMER..kolkata and Diploma in critical care and technology students . at BIN.nfe

Conference attendance

Dr. Indrani Chakrabortyual

Attended as invited speaker at annual National paediatric conference-2014

Dr. Sankari santra.

Invited Speaker

- State conference of ISAWB held at N B Medical college.2014.
- CME organized by state branch of ISA2014

Regular academic activities

- Attending CME programme organized by ISA (WB Branch) at different medical collages and private medical institutions by post graduate trainees and teachers.
- Attending various conferences at the state as well as national levels by post graduate trainees and teachers.
- Paper presentation at various conferences by post-graduate trainees and teachers.
- Delivery of lectures or orations and taking part in panel discussion by teachers at conferences of the state and national level.
- Participate at Annual Post Graduate Assembly where postgraduate students from various medical colleges from this state and also other states participate which helps the postgraduate trainees to prepare better for their examination.
- Conducting Workshops at regular interval

- vii. Roatating allotment of post graduate students. to the Bangur Institute of Neurology . IPGME&R. Kolkata from various postgraduate institute of West Bengal.
- viii. Regular class taken for Diploma in critical care and technology students

Research works submitted as thesis topics/ Research ongoing

1. Effect of ondansetron on the analgesic efficacy of tramadol used for postoperative analgesia.

Name of student: Dr. Archana Murmu. Guide : Dr. Prof. Amita Acharjee

2. A Comparative study of postoperative analgesia in dexmedetomidine vs magnesium sulphate pretreated patient undergoing infraumbilical surgery

Name of student: Dr. Arup Ghosh Guide : Dr. Sankari Santra

3. Prevention of extubation surge using different doses of dexmedetomidine in lumbar spinal surgery.

Name of student: Dr. Subhankar Pramanick Guide : Dr. Sankari Santra

4. Comparison of neuromuscular blocking effects and recovery characteristics of rocuronium between steady state isoflurane or propofol anaesthesia in spinal fixation surgery

Name of student: Dr. Anindita Saha Guide : Dr. Amita Acharya. Co – guide . Dr. Saikat neogi.

5. Efficacy of dexmedetomidine on patients comfort, sedation, haemodynamic stability during awake fiberoptic intubation in patients with cervical spondylotic myelopathy for elective surgery.

Name of student: Dr. Samir Basak Guide : Dr. Amita Acharya. Co – guide . Dr. Saikat neogi.

6. Comparison of post-operative analgesia between epidural bupivacaine plus dexmedetomidine following spinal fixation surgery. Name of student: Dr. Sabyasachi Singh Guide : Dr. Jayanta Chakraorty

Publications

- Anaesthetic management of a child with large occipital meningomyelocele Published in journal of Indian medical association Jan 2014, vol 112, no.01.

Service information

A. OPD (Pain Clinic)

Number of patients attending OPD for Pain Clinic 405

Number of procedures done in pain clinic 92

B. No. of operations done in the operation theatres of BIN: 1232 (Under GA)

C. CT ANAESTHESIA - 304

D. DSA clinic- operation under anaesthesia – 10

E. Neurointensive care unit (NICU). Number of beds- 8

Medical Officers for NICU.

- Dr. Sujata Sammader
- Dr. Anish Das
- Dr. Prasanta Mandal
- Dr. Rina Sarkar
- Dr. Anjan Choudhuri

Total number of patients requiring mechanical ventilation: 1232

Central Library

Location and floor area	Ronald Ross Building, 3rd Floor 1000 m ² (plus reading rooms as specified below)		
	Reading Rooms		
	(a) for U.G.	:	1 (150 m ²)
	(b) for P.G.	:	1 (250 m ²)
	(c) for Staff	:	1 (100 m ²)

The library floor space is set to expand to at least 2400 m² with shifting of ObGy department.

Working hours	8:00 AM to 9:00 PM in 2 shifts
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No. of Books	20,500
(i) Text	10,800
(ii) Reference	9,700

No. of Journals subscribed annually	
(i) Indian	77
(ii) Foreign	48

In addition, the institute has 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. This is available till 31.12.2014 and further subject to renewal by NLM.

Back issue volumes	Journals: (i) Indian 3050	(ii) Foreign 26040
	Thesis 2246	

No. of books purchased during the last 3 years	2014-15	108 + (process ongoing)
	2013-14	289
	2012-13	332

Staff

Librarian	Mr. Partha Roy Chowdhury (Library In-charge) B.Sc. (Hons), B.Lib. (Sc.) Mr. Dhanapati Mondal M.A., B.L.I.S. Mr. Nirmal Saha B.Sc., B.Lib. (Sc.)
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Library Assistants	Ms. Ranu Valmiki Mrs. Rupashree Mukherjee Mr. Kankan Sardar
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Peons	Mr. Basudev Pakhira
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Sweeper	Mrs. Lakshmi Mullick (Sweeper)
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System of Cataloging	Unit form of cataloging [AACR]
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The Library caters to the needs of Faculty, Students and Research Scholars of this Institute and these are extended to the 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

The SSKM Blood Bank started functioning on a 24 hour basis from 1996. Previously it used to remain open for eight hours from 10 AM to 6 PM. From then onwards it is contributing and catering to all the patient load of SSKM Hospital as well as sometimes to outside hospitals also. Component Separation license was granted in the year 2010 and from then onwards RDP, PRBC and FFP are being supplied to patients. There has been an increase in the number of blood donation camps over the past few years and now people are motivated towards voluntarily donating blood. The Donor Section has been revamped this year and presently has four donor couches along with bio-mixer for smooth in-house donation.

Achievements over the last 11 months (Jan-Nov, 2014) are as follows:

Voluntary Blood Donation

Total collection:- 18609

Male Donor: 15835

Female Donor: 2774

2) We also did in-house collection which usually is called replacement donation.

Total collection:- 2550

Male Donor: 2419

Female Donor: 131

So total collection is:- 21159 units

Testing for TTIs

Each and every blood unit is tested for mandatory five TTIs (Transfusion Transmitted Infection)

- 1) HIV
- 2) HBsAg
- 3) HCV
- 4) SYPHILIS
- 5) MALARIA

Summary Report on reactivity for TTIs

Mnt	HIV		HBsAg		HCV		RPR		MP		Reactive		Total Collect
	Tot.	(%)	Tot.	(%)	Tot.	(%)	Tot.	(%)	Tot.	(%)	Tot.	(%)	
Jan	2	0.07	44	1.74	22	0.87	0	0.00	0	0.00	66	2.62	2518
Feb	2	0.09	28	1.26	25	1.13	0	0.00	0	0.00	55	2.49	2205
Mar	12	0.44	26	0.97	31	1.15	0	0.00	0	0.00	67	2.50	2673
Apr	4	0.22	20	1.10	25	1.38	0	0.00	0	0.00	49	2.71	1802
May	1	0.06	32	1.92	26	1.56	0	0.00	0	0.00	59	3.54	1665
Jun	7	0.33	43	2.03	16	0.75	0	0.00	0	0.00	66	3.13	2108
Jul	4	0.20	21	1.08	16	0.82	0	0.00	0	0.00	41	2.12	1931
Aug	3	0.13	24	1.08	22	0.99	0	0.00	0	0.00	48	2.17	2209
Sep	4	0.15	25	0.98	14	0.55	0	0.00	0	0.00	42	1.66	2528
Oct	2	0.14	10	0.74	2	0.14	0	0.00	0	0.00	14	1.04	1338
Nov	0	0.00	19	0.97	8	0.40	0	0.00	0	0.00	26	1.33	1954
Tot	41	0.17	292	1.25	207	0.90	0	0.00	0	0.00	533	2.30	22931

All the reactive cases are communicated and counselled to attend further for confirmation. Unfortunately very few are interested to come for further screening.

All the TTI non-reactive blood units are grouped and kept ready for allotment to patients. TTI reactive blood units

are grouped and discarded.

In the said period we have handled and allotted blood against 21787 No. of requisition among which 3045 did not turn up to collect blood.

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

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-16898 units, PRBC-4175 units, FFP-3555 units and RDP-1484 units

We have supplied:

Whole Blood-14817 units, PRBC- 4037units, FFP – 3283 units and RDP- 1082 units

We do not have sufficient space in the Blood Bank and do not have proper 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.

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.

In the period 01/01/2014 to 30/11/2014:-

• Total no. of client attended the Centre	17754
• Found reactive for HIV	233
• No of patients taking ART	76
• No of patients having Sexually transmitted infections (STIs)	215
• Targeted Intervention (sex workers and their clients)	866
• Sent to RNTCP	726
• Received from Blood Bank	03
• Received from RNTCP	81
• Co-infection (both HIV & Tuberculosis)	04

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 3rd July we arranged one Seminar at the Blood Bank followed by one blood donation camp at blood bank with the help of Panskura Voluntary Blood Donor's Association. 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

1. Nursing Superintendent Office

SN	Name of officer	Post/Designation	Qualification	Nsg. Administration / Teaching
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. Durba Saha	Deputy Nursing Superintendent	GNM Passed	Helping in Nsg. Administration. CTVS&SDLD (Block Charge) Medical Team
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 Baghajotin 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. Chandana Roy	Deputy Nursing Superintendent	Cond. B.Sc. (Hons) Nursing	Helping in administration & Wood Burn Block Charge, Education & in-service training.
7.	Smt. Mira Ganguly	Deputy Nursing Superintendent	Cond. B.Sc. (Hons) Nursing	Helping in administration & CCU, Curzon, Vict. & Infection Control In-charge.
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 Bhattacharjee	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 Bhaghajotin NTS.
11.	Smt. Samapti Jayraj	Deputy Nursing Superintendent	Cond. B.Sc. (Hons) Nursing	Helping in administration.
12.	Smt. Samapti Chakraborty	Deputy Nursing Superintendent	Cond. B.Sc. (Hons) Nursing, M.Sc. Nursing in Psychiatry.	Helping in administration& charge of chest ward, Hemo, Uro, RTU.
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. Jharna Bag	Deputy Nursing Superintendent	B.Sc. (Hons) Nursing, M.Sc. (Nursing) in Psychiatry	Detailed to Institute of Psychiatry (IOP).
15.	Smt. Maya Sengupta	Deputy Nursing Superintendent	B.Sc. (Hons) Nursing M.Sc. (Nursing) in Community Health Nsg.	Detailed to Swasthya Bhavan.
16.	Smt. Shipra Bandyopadhyay	Deputy Nursing Superintendent	B.Sc. (Hons) Nursing	Helping administration.
17.	Smt. Kalyani Giri	Deputy Nursing Superintendent	Cond. B.Sc. (Hons) Nursing	Detailed to MCH, Kolkata.
18.	Smt. Dipa Mitra	Deputy Nursing Superintendent	Cond. B.Sc. (Hons) Nursing	Neuromedicine dept.
19.	Smt. Madhuri Nanda	Deputy Nursing Superintendent	Cond. B.Sc. Nursing	CTVS Block , Child Care Leave, Hospital administration.

2. Ward management

SN	Name of Officer & Name of ward	Post/Designation	Degree	Ward Administration / Teaching
21.	Smt. Indrani Madhai , Victoria Ward	Sister –in Charge	Cond. B.Sc. (Hons) Nursing	Ward Administration
22.	Smt. Kajal Das, Smt. Nilima Maji, Smt. Rina Chakroborty Alex Ward,	Sister-in –Charge [Gr.I(ii) of WBNS]	Condensed B. Sc (H) Nursing Condensed B. Sc (H) Nursing	Do
23.	Smt. Anu Biswas Victoria Ward	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
24.	Smt. Subhra Mitra, Smt. Sumitra Ghosh N.E.R. Male Ward, Bed No.89	Sister-in –Charge [Gr.I(ii) of WBNS]	1.GNM Passed 2. B.Sc.(Hons) Nursing Generic	Do
25.	Smt. Purnima Banik, Smt. Lakshmi Roy Smt. Nasrin Afroj Curzon. Ward, Bed -104	Sister-in –Charge [Gr.I(ii) of WBNS]	1&2.GNM Passed 3. B.Sc. (Hons) Nursing	Do
26.	Smt. Reba Das, Smt. Papiya Mukherjee Mack. Ward, Bed No.79	Sister-in –Charge [Gr.I(ii) of WBNS]	1. Cond. B.Sc. (Hons) Nursing 2. GNM Passed	Do
27.	Smt. Tapati Sahoo, Smt. Sikha Saha, Wood Burn Ward, Bed-39	Sister-in –Charge [Gr.I(ii) of WBNS]	1. B.Sc(Hons) Nursing 2.GNM Passed	Do
28.	Smt. Dipali Bhadra Smt. Kalpana Seth, NPS ward	Sister-in –Charge [Gr.I(ii) of WBNS]	2. B.Sc(Hons) Nursing . GNM.	Do
29.	Smt. Namita Mondal Smt. Nibedita Sahoo, NCB Ward, Bed no.45	Sister-in –Charge [Gr.I(ii) of WBNS]	1. Cond. B.Sc.. (Hons) Nursing 2. Cond. B.Sc. (Hons) Nursing	Do
30.	Smt. Ratna Das, ITU, Bed no. 32	Sister-in –Charge [Gr.I(ii) of WBNS]	Cond. B.Sc. (Hons) Nursing	Do
31.	Smt. Asoka Mandal, Haemo Dialysis, Bed No. 14 In 3 shift	Sister-in –Charge [Gr.I(ii)]	Cond. B.Sc. (Hons) Nursing	Do
32.	Smt. Jharna Roy, MRU Ward, Bed no. 46 Smt. Mamata Bhattacharjee	Sister-in –Charge [Gr.I(ii) of WBNS] Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
33.	Smt. Bulbul Dutta, Urology Ward, Bed no.52	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
34.	Smt. Sikha Acharjee, Chest Ward, Bed No. 50	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
35.	Smt. Gita Malakar, ENT Ward, Bed no. 60	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
36.	Smt. Shrabani Debnath RTU, Bed no. 60	Sister-in –Charge [Gr.I(ii) of WBNS]	Post basic. B.Sc. Nursing	Do
37.	Smt. Supriya Dutta, Smt. Juin Das CCU-, Bed -. 30	Sister-in –Charge [Gr.I(ii) of WBNS]	1. M.Sc. Nursing Post basic- B.Sc. Nursing	Do
38.	Smt. Gouri Bhowmick, Burns Ward, Bed no. 30	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
39.	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	Do
40.	Smt. Nilima Mondal, ICCU Ward, Bed no. 30	Sister-in –Charge [Gr.I(ii) of WBNS]	1. B.Sc(Hons) Nursing Cond.	Do
41.	Smt. Swapna Dey, Gaynae Ward, Bed no. 40	Sister-in –Charge [Gr.I(ii) of WBNS]	1. B.Sc(Hons) Nursing Cond.	Do

SN	Name of Officer & Name of ward	Post/Designation	Degree	Ward Administration / Teaching
42.	Smt. Chhanda Nandy, Maternity Ward, Bed-81	Sister-in –Charge [Gr.I(ii) of WBNS]	1.GNM Passed	Do
43.	Smt. Biva Roy Maternity septic Ward (Mat GF) No of Bed26	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
44.	Smt. Rita Sarkar Labour Room. No of table 03&no of Bed10	Sister–Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
45.	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
46.	Jaba Chakroborty S.N.C.U. No of Bed-25	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
47.	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 G. N.M. Passed	Do
48.	Smt. Santi Raha Eye Ward .No of bed -22	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
49.	Smt. Pampa Barat & Smt. Sankari Majumder Cable Ward. No of bed-75	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed B. Sc.(Hons) Nursing.	Do
50.	Smt. Anita Roy Chowdhury. Ligation Ward. No of bed-10.	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
51.	Smt. Santana Ghosh & Smt. Piku Dutta. Neuro Medicine Ward. No. of bed-51.	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed GNM Passed	Do
52.	Smt. Rina Bhattacharjee Smt. Sathi Bhattacharjee SDLD Ward, no. of Bed-39	Sister-in –Charge [Gr.I(ii) of WBNS]	1. GNM Passed	Do
53.	Smt. Subhra Pandit CTVS Recovery, Bed-10	Sister-in –Charge [Gr.I(ii) of WBNS]	B.Sc(Hons) Nursing Cond.	Do
54.	Smt. Khukumoni Ganguly, Smt. Juin Das EOW Ward, Bed no.40	Sister-in –Charge [Gr.I(ii) of WBNS]	1. GNM Passed 2. B.Sc(Hons) Nursing Cond.	Do
55.	Smt. Swapna Giri, RH. Ward, Bed no.	Sister-in –Charge [Gr.I(ii) of WBNS]	B.Sc(Hons) Nursing	Do
56.	Smt. Sabita Mukherjee, PMR Ward, Bed no.24	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
57.	Smt. Anudadha Chatterjee, Smt. Sudipta Nandi , OT Complex, No. of table-12	Sister-in –Charge [Gr.I(ii) of WBNS]	1.GNM Passed 2. B.Sc (Hons) Nursing	Do
58.	Smt. Gisha Elizabeth Mathew, WOT, Table no.3	Sister-in –Charge [Gr.I(ii) of WBNS]	B.Sc(. Hons) Nursing	Do
59.	Smt. Rita Purakait, EOT OT, table no.2	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
60.	Smt. Jayeeta Bose CTVS OT, table no.	Sister-in –Charge [Gr.I(ii) of WBNS]	B.Sc.(Hons.) Nursing	Do
61.	Smt. Sima Chowdhury, Smt. Alpana Gharai, URO OT, Table no.	Sister-in –Charge [Gr.I(ii) of WBNS]	1.GNM Passed 2. B.Sc (Hons) Nursing Cond.	Do
62.	Smt. Namita Rana (Das), NPS OT, Table no.	Sister-in –Charge [Gr.I(ii) of WBNS]	1.GNM Passed 2.B. Sc.(Hons) Nursing Cond.	Do
63.	Smt. Alpana Manik, Smt. Mina Bondhyapadhyay G.OT., Table no.	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
64.	Smt. Ratna Das (II), Smt. Kalyani Samanta, CCR OT, Table no.	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed 2.B. Sc.(Hons) Nursing Cond.	Do
65.	Smt. Jharna Chatt erjee, SDLD OT, Table -	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do

SN	Name of Officer & Name of ward	Post/Designation	Degree	Ward Administration / Teaching
66.	Smt. Sanjukta Dutta EOT	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Management
67.	Smt. Subhra Bosu Majumder General ER, Patients' Exam. Table-6 & Disaster Enclave-10	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	ER Management
68.	Smt. Madhumita Chottopadhyay Ligation OT, table -3	Staff Nurse, Gr.II	GNM Passed	Do
69.	Smt. Archana Mukherjee, Smt. Santi Ghosh	1. Sister-in –Charge [Gr.I(ii) of WBNS] 2. Staff Nurse, Gr.II	GNM Passed	Home & Mess Management
70.	Smt. Bhaswati Mukherjee PP Unit,	Senior staff	GNM Passed	PPU Management
71.	Smt. Mitali Roy Mat GF	Sister-in –Charge [Gr.I(ii) of WBNS]	GNM Passed	Do
72.	Smt. Krishna Roy	Acting DNS	Post Basic B.Sc. Nursing & M.Sc. Nursing	N/S office administration.

Nurses' Hostel Boarder strength currently is 350

3. School Of Nursing See Later.

4. Trainees

(a) Post Basic Trainee: 2013 – 2015

Smt. Rubi Kar, Smt. Sipra Sen, 3. Smt. Brajakishori Mal, 4. Smt. Paramita Samanta, 5. Smt. Chandra Banerjee, 6. Smt. Mita Barik, 7. Smt. Sudipta Jana, 8. Soma Das (V) 9. Smt. Sima Rani Pal Chowdhury, 10. Smt. Ashima Ghorai, 11. Smt. Pratima Paul, 12. Smt. Arpita Chakraborty, 13. Smt. Mamata Biswas, 14. Smt. Anamika Chanda, 15. Smt. Archana Das, 16. Smt. Banasri Jana, 17. Smt. Sangita De, 18. Smt. Rita Chakraborty (II), 19. Shyamali Patra, 20. Smt. Mallika Saha, 21. Smt. Sangita Roy (Baidya), 22. Smt. Sampa Biswas, 23. Smt. Tapashi Bhunia, 24. Smt. Namita Samanta (1)

(b) NICU TRAINING: 2014: Smt. Sulekha Hembram

(c) Psychiatric Nursing 2014 a)- Manashi Dutta b) Moupriya Mandal c) Supriya Barman

(d) M.Sc. Nursing :2013-15: Smt. Sipra Bandopadhyay

(e) 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. Sarmistha 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

(f) Experience Programme: Students come from different institutions like B. M. Birla Heart Research Centre, R. N. Tagore, K.P.C., Wood Lands, Ramakrishna Mission, Ma Sarada College of Nursing, etc..

5. Faculty performance:

- a) 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.

- b) Nursing Officers and Staff Nurses also attend various in-service education programmes, Workshops, Seminars and Conferences organized by the various departments of this institution and arranged & organized by the N.S. Office.
- c) 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.

6. Superannuations

SN	Name	Designation	Status	Date
1.	Smt. Anjali Patra	Sister Gr 1(ii)	Superannuation from S.S.K.M.	31.10.2014
2	Smt. Rina Paul	Sister Gr 1(ii)	Superannuation from S.S.K.M.	31.07.2014
3	Smt. Helu Sinha	Staff Nurse	Superannuation from S.S.K.M.	31.07.2014
4.	Smt. Tanusree Basu	Sister Gr 1(ii)	Superannuation from S.S.K.M.	31.05.2014
5	Smt Amita Das (Ghosh Dastidar)	Sister Gr 1(ii)	Superannuation from S.S.K.M.	31.05.2014
6	Smt. Kanika Sarkar	Sister Gr 1(ii)	Superannuation from S.S.K.M.	30.06.2014
7	Smt. Parbati Das	Staff Nurse	Superannuation from S.S.K.M.	30.03.2014
8	Smt. Rekha Sarkar	Staff Nurse	Superannuation from S.S.K.M.	30.04.2014
9	Smt. Sunanda Bhandari	Sister Gr 1(ii)	Superannuation from S.S.K.M.	30.03.2014
10	Smt. Reba Dutta	Staff Nurse	Superannuation from S.S.K.M.	30.01.2014
11	Smt. Malina Ghosh	Sister Gr 1(ii)	Superannuation from S.S.K.M.	31.08.2014
12	Smt. Arati Samajik	DNS	Superannuation from S.S.K.M.	30.09.2014
13	Smt. Padmaja Kar	Senior Sister Gr 1(ii)	Superannuation from S.S.K.M.	31.09.2014
14	Smt. Shibani Adhikari	Staff Nurse Gr.-II	Superannuation from S.S.K.M.	30.09.2014
15	Smt. Aparna Roy	Staff Nurse Gr.-II	Superannuation from S.S.K.M.	31.10.2014
16	Smt. Kakoli Banerjee	DNS	Superannuation from S.S.K.M.	30.11.2014
17	Smt. Saraswati Basu	Sister in- charge	Superannuation from S.S.K.M.	30.11.2014

6. Sanction strength of beds and nursing personnel and current vacancy

General Bed + Special Bed	1600
ICCU+ITU+CCU+RCU	150
Total Bed	1770
Total OT 46, Cold OT 16, EOT-14, Minor OT & OPD OT-16	
Labor room 2, Labour Table 6, OPD-21	

Sanction strength of Nursing personnel in Hospital Nursing Administration and education -1108

Total Sanction strength of Nurses	1108
Post filled up	868
TOTAL VACANT POST	240

(NS-01, PNO-01, DNS-14 out of 54 for three shifts, Senior Sister tutor -04 for two shifts, Sister In-charge -87 out of 109 for three shifts, Staff Nurses -769 out of 1108, Vacancy-339 for three shifts.

School of Nursing

The School of Nursing of SSKM Hospital, Kolkata came into being in 1956 and it's a long course of time the school has since been stepping forward with achieving glory and excellence in producing skilled nursing students to the State.

The Set up of the school comprised of Principal Nursing Officer, Group-A of West Bengal General Service Cadre, Govt. of West Bengal with a fully fledged Office;

Student strength of GNM -137 with 50 yearly Intake,
Academic Session-September to August each year for the present
Duration of the GNM Course – 3 and ½ years

No. of students undergoing training year wise:

- 1st Year - 47 + 5 (extra batch)
- 2nd Year - 41
- 3rd Year - 44

Teaching Faculty -20 inclusive of 2 teachers 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 Dec. 2013, 46 students have completed successfully their GNM Internship and are working in different Govt. hospitals. 4 students of break batch of Interns have completed in June, 2014.

44 students of 3rd year GNM are undergoing the process of Final Council Examination in Dec., 2014 and have completed their 2nd Year Examination in Dec. 2013 with 100% result and from January, 2015 their Internship is scheduled to be commenced.

In September this year 40 1st Year students have passed Preliminary Council Examination with 100% result and have started 2nd Year from September, 2014. There is an extra batch of 5 students who are also in the process of Preliminary Council Examination and will start their 2nd Year from January, 2015.
The newly admitted 47 1st Year GNM students started session in September 2014.

This year, 7 students are continuing the course of Post Basic Diploma in Neonatal Nursing and will be completing in January, 2015.

Apart from undergoing theoretical and practical training students are being sent for gaining clinical experience to the following places beside SSKM Hospital for completing the syllabus.

- Institute of Psychiatry,
- Bangur Institute of Neuroscience,
- Chittaranjan Seva Sadan Hospital for Midwifery & Obstetrics experience

For gaining another phases of experience in Rural Community Health Nursing within the curriculum, the students are sent to the different P.H.C., Sub-Centers under Sonarpur Rural Hospital, Subhasgram, South 24 Parganas. To have the Urban Community experience they are sent to the nearby following areas under the supervision of our experienced teachers, PHN and other staff of the PP Unit of SSKM Hospital, Kolkata. The areas are:-

- Sambhunath Pandit Street
- D. L. Khan Road
- Rupnarayan Nandan Lane

For further exposure of experience, the students are taken to the following organizations, like-

- Garden Reach Water Works
- Sewage treatment plants under Maheshtala Municipality,
- Central Dairy Plant, Belgatchia, Kolkata &
- Infectious Diseases Hospital, Beliaghata, Kolkata

Among twenty teachers 4 of them are in study leave for undergoing M.Sc.Nursing. Two teachers are working on detailment to other institutions. 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, educational trips and in various Health related programmes under the guidance of all dedicated & responsible teachers. For best academic performances, school recommends the following students to receive medals, for 2013-14 Academic Session, on the occasion of foundation day of IPGME&R-SSKM Hospital on 16th Jan.2015:

1. 3rd Year G.N.M. Student – No batch was in this year
2. 2nd Year G.N.M. Student – Shatarupa Barman
3. 1st Year G.N.M. Student – Jhilik Acharjee

Government has been pleased to sanction a separate eight storied compact building for Nursing Training School for which construction work is in progress.

Current faculty position at the Nursing Training School

SN	Name	Post held with Grade	Qualifications
1	Smt. Chameli Roy	Principal Nursing Officer in Gr.I(i)(a), WBGS	M.Sc. Nursing from P.G.I.M.E.R., Chandigarh, Punjab University
2	Smt. Kalyani Saha	Senior Sister Tutor, Gr.I(i)(b) of WBNS	B.Sc. Nursing, Calcutta University
3	Smt. Sudeshna Kar	Senior Sister Tutor, Gr.I(i)(b) of WBNS	B.Sc. Nursing, Calcutta University
4	Smt. Chandrima Maity	Senior Sister Tutor, Gr.I(i)(b) of WBNS	M.Sc. Nursing from WBUHS
5	Smt. Subrata Dalal	Sister Tutor Gr.I(ii) of WBNS	M.Sc. Nursing from WBUHS
6	Smt. Rupa Chakraborty	Sister Tutor Gr.I(ii) of WBNS	B.Sc. Nursing, Calcutta University
7	Smt. Swapna Ghosh (Laha)	Sister Tutor Gr.I(ii) of WBNS	B.Sc. Nursing from WBUHS
8	Smt. Papiya Das Mukhopadhyay	Sister Tutor Gr.I(ii) of WBNS	B.Sc. Nursing from WBUHS
9	Smt. Ira Palit	Sister Tutor Gr.I(ii) of WBNS	B.Sc. Nursing from WBUHS
10	Smt. Babita Biswas	Sister Tutor Gr.I(ii) of WBNS	M.Sc. Nursing from WBUHS
11	Smt. Saswati Pan	Sister Tutor Gr.I(ii) of WBNS	B.Sc. Nursing, Calcutta University
12	Smt. Supa Guha	Sister Tutor Gr.I(ii) of WBNS for SNCU teaching program	M.Sc. Nursing from WBUHS
13	Smt. Baby Mondal	Sister Tutor Gr.I(ii) of WBNS for SNCU teaching program	M.Sc. Nursing from WBUHS
14	Smt. Ali Saha	Gr.II Teacher	B.Sc. Nursing from IGNOU
15	Smt. Mousumi Roy	Sister Tutor Gr.I(ii) of WBNS	On Study Leave for M.Sc. Nursing
16	Smt. Mitali Chakraborty	Sister Tutor Gr.I(ii) of WBNS	On Study Leave for M.Sc. Nursing
17	Smt. Soma Das	Sister Tutor Gr.I(ii) of WBNS	On Study Leave for M.Sc. Nursing
18	Smt. Debjani Dey	Sister Tutor Gr.I(ii) of WBNS	On Study Leave for M.Sc. Nursing
19	Smt. Monika Mondal	Sister Tutor Gr.I(ii) of WBNS	Detailed to Diamond HBR Hospital
20	Smt. Debjani Garu	Sister Tutor Gr.I(ii) of WBNS	Detailed to Uluberia NTS

Postgraduate (degree) seats listing – 2014

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 (2R + 1P)	04 (2R + 2P)	MCI-23(1)/2009-MED/56762 dt. 14.12.09 MOHFW No. U12012/988/2009-ME (P.II) Pt dt. 27.01.2010. Status of the permitted seats yet to be notified by MCI.
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.
9	MD (Pediatrics)	04	02 (1R + 1P)	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.
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 (5R + 3P)	07 (4R + 3P)	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.
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(I)/2009-MED/77225 dt. 28.02.10 MOHFW NO. U12012/988/2009-ME(P.II)Pt dt. 30.03.2010. Subsequently confirmed.
19	MD (Radiotherapy)	06	03 (3R)	03 (3R)	MCI-23(I)2007-MED/62233 dt. 06.01.2010 MOHFW NO: U12012/988/2009-ME (P.II) Pt. dt. 04.02.2010. Subsequently confirmed.
	TOTAL	134	67 (59R + 8P)	67 (58R + 9P)	

Postgraduate (diploma) seats listing – 2014

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.

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	