Government of West Bengal

Institute of Post Graduate Medical Education & Research

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

Annual Report for the Year 2016

Released on 61st Foundation Day – Jan 16, 2017
Distinguished dignitaries, faculty members, students of this institute, colleagues, ladies and gentlemen,

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

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

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

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

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

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

Prof. Manju Banerjee
Director, IPGME&R, Kolkata

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

- William Osler
Medal awards

1. Sir Ronald Ross Oration 2017
   Prof. Chintamani

2. Dr. Arun Banerjee Memorial Oration 2017
   Prof. Amit K. Dinda

3. Medal for Proficiency in Annual Examination - MD (General Medicine) Session 2014-2017
   Dr. Debdeep Mondal

4. Medal for Proficiency in Annual Examination - MS (General Surgery) Session 2014-2017
   Late Dr. Amitava Mandal

5. Medal for Proficiency in Annual Examination - MS (Obstetrics & Gynecology) Session 2014-2017
   Dr. Sukanya Roy

6. Medal for Proficiency in Annual Examination - MS (Obstetrics & Gynecology) Session 2014-2017
   Dr. Adrija Hazra

   Dr. Anirban Das

   Dr. Samik Sanyal

9. Prof. Amal Kumar Bose Memorial Award for obtaining highest marks in MD (Anesthesiology) 2016 from IPGME&R
   Dr. Arpita Choudhury

10. Dr. Prabir Sengupta Memorial Award for excellence in MD (Radiodiagnosis) 2016 from IPGME&R
    Dr. Koushik Kumar Nayak

11. Madhusudan Saha Memorial Award for obtaining highest marks in MS (General Surgery) 2016 from IPGME&R
    Dr. Jibhakate Nikhilesh Ashok

12. Niharbala Ghosh Memorial Award for obtaining highest marks in MS (Obstetrics & Gynecology) 2016 from IPGME&R
    Dr. Sanchari Dutta

    Dr. Priyabrata Shit

14. Dr. K. P. Sengupta Memorial Award for highest marks in Pathology university examination in 2016 among students of IPGME&R.
    Dr. Namrata Maity

15. Pushpa Rani Saha Memorial Award for obtaining highest marks in Surgery in Final MBBS Examination 2016 from lady students of IPGME&R
    Ms. Jeba Nazneen

16. Medal for proficiency in Final General Nursing & Midwifery Examination 2016
    Ms. Jhikik Acharjee

17. Medal for proficiency in Second Year General Nursing & Midwifery Examination 2016
    Ms. Nasrin Parvin

18. Medal for proficiency in Preliminary General Nursing & Midwifery Examination 2016
    Ms. Sonali Mondal

19. Medal for proficiency in BPT Final Examination 2016
    Mr. Rahul Mandal

20. Medal for proficiency in BPT Final Examination 2013
    Fauzia Javed Sheereen
Certificate awards

1. Certificate for Senior Class Assistantship in Physiology 2016
   - Amrita Ray
   - Indra Kishore Mahato
   - Abhik Bhattacharyya
   - Meenakshi Khemka
5. Certificate for Senior Class Assistantship in Microbiology 2016
   - Saikat Sen
   - Saikat Sen
   - Sourav Chakraborty
   - Debroop Sengupta
   - Niladri Das
    - Chandramouli Goswami
    - Debroop Sengupta
    - Debroop Sengupta
    - Soumita Sarkar
    - Rijhim Basak
15. Certificate for Senior Class Assistantship in Medicine 2016
    - Suresh Singh
    - Rijhim Basak
21. Certificate of Merit for securing highest marks in 1st Professional MBBS Examination among students of IPGME&R 2016
    - Srinjay Maji, Amrita Ray
22. Certificate of Merit for securing highest marks in 2nd Professional MBBS Examination among students of IPGME&R 2016
    - Debashis Banerjee
    - Avishikta Das
    - Jebra Nazneen
25. First Certificate of Merit for Proficiency in Annual Examination – MD (General Medicine) Session 2014-2017
    - Dr. Arpan Dutta
    - Dr. Arnab Chakraborty
27. First Certificate of Merit for Proficiency in Annual Examination – MS (Obstetrics & Gynecology) Session 2014-2017
    - Dr. Shreeja Karan
28. Second Certificate of Merit for Proficiency in Annual Examination – MD (General Medicine) Session 2014-2017
    - Dr. Adrija Hajra
29. Second Certificate of Merit for Proficiency in Annual Examination – MS (General Surgery) Session 2014-2017
    - Dr. Sumit Kabra
30. Second Certificate of Merit for Proficiency in Annual Examination – MS (Obstetrics & Gynecology) Session 2014-2017
    - Dr. Dipannita Chakraborty
    - Dr. Abhishek Chowdhury
    - Dr. Barun Kumar
    - Dr. Dipannita Chakraborty
34. Second Certificate of Merit for Proficiency in Thesis Work – MD (General Medicine) Session 2014-2017
    - Dr. Debdeep Mondal
    - Dr. Arnab Mandal
    - Dr. Soma Soren
37. Certificate of Merit for being the Most Humane Nurse 2016
    - Sr. Idira Lama
### MD [Anesthesiology]
- Gargi Nandi (AIQ)
- Amitava Nandy (SQ) (Service)
- Jisnu Nayak (SQ)
- Arun Kumar Mandi (SQ)
- Pratibha Bhunia (SQ)
- Swarnali Dasgupta (AIQ)
- Shanta Dutta (AIQ)
- Priyabrata Sih (AIQ)
- Animesh Baul (AIQ)
- Zoengmawia (AIQ)
- Arpita Choudhury (AIQ)
- Pijush Kanti Choudhury (SQ) (Service)
- Nairita Mayur (SQ)
- Priyanka Mondal (SQ)

### MD [Anatomy]
- Subhadip Bharati (SQ) (Service)
- Panchali Som (AIQ)
- Anwesa Pal (AIQ)
- Rajarshi Roy (SQ)
- Sunipa Ganguly (SQ)

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

### MD [Dermatology]
- Manmit Kaur Hora (SSKM Trust)
- Lina Bandypadhyay (SQ) (Service)
- Akhilesh Behra (AIQ)
- Nidhi (AIQ)
- Pranshu Mishra (SQ)

### MD [General Medicine]
- Durjoy Lahiri (AIQ)
- Abhijit Bhunia(AIQ)
- Shingammleng Kamei (AIQ)
- Arnab Banerjee(AIQ)
- Amrita Biswas (SQ) (Service)
- Ramita Sarkar (SQ)
- Arabinda Patra (SQ) (Service)
- Ayan Roy (SQ)
- Shasanka Sekhar Das (SQ)
- Sayan Ghosh (SQ)
- Rajeev Ranjan (AIQ)
- Kity Sarkar (AIQ)
- Rakesh Agarwal (AIQ)

### MD [Microbiology]
- Prabir Kumar Ghosh (SQ) (Service)
- Asmita De (AIQ)
- Lalbiaktuangi (AIQ)
- Raja Ray

### MS [Obstetrics & Gynecology]
- Priyadarshini M. (AIQ)
- Sagarkar Majumdar (AIQ)
- Sharmila Patra (SQ) (Service)
- Mansi Upadhyaya (SQ)
- Sudeshna Dutta (AIQ)
- Niharika Thakur (AIQ)
- Pratibha Tiwary (AIQ)
- Sanchari Dutta (SQ)
- Santanu Das (SQ)
- Souptik Gangopadhyay (SQ)
- Rashmi Baid (SQ)

### MS [Orthopedics]
- Sagnik Ray (SSKM Trust)
- Durbaraj Rakshit (SQ) (Service)
- Sandeep Velagada (AIQ)
- Sudarsan Behera (AIQ)

### MS [Otorhinolaryngology]
- Syama Bandypadhyay (SQ) (Service)
- Sanhita Halder (AIQ)
- Bahnisikha Kayet (SQ)
- Mansur Alam (SQ)
- Soumik Basu

### MD [Pathology]
- Namrata Maity (AIQ)
- Utsa Senapati (AIQ)
- Soutrik Das (AIQ)
- Ruby Sarkar (SQ) (Service)
- Koushik Sarkar (SQ)
- Bopy Majumdar (SQ) (Service)
- Deval Parekh (AIQ)
- Gargi Mukherjee (AIQ)
- Mona Turkay (SQ)
- Piyabi Sarkar (AIQ)
- Raju Bhattacharyya (AIQ)
- Kamalika Bandypadhyay (SQ)
- Asit Chakraborty (SQ)
- Salkat Bera (SQ)

### MS [Physiology]
- Gouranga Sardar (SQ) (Service)
- Madhusmita Boro (AIQ)
- Manik Chandra Ghosh (SQ)
- Chandan Biswas (SQ)
- Prasenjit Majumder (SQ)

### MD [Physical Medicine & Rehabilitation]
- Md. Anwar Sadat Halder (SQ)
- Swarnali Mandal (AIQ)
- Saurav Kanti Sinha (SQ)

### MD [Psychiatry]
- Tamogna Bandyopadhyay (SQ)
- Arghya Halder (SQ)
- Avik Kumar Layek (AIQ)
- Joydeep Acharjee (AIQ)

### MS [Radiodiagnosis]
- Ruchira Das (AIQ)
- Subhadip Saha (AIQ)
- Sumit Laskaria (AIQ)
- Md. Lijakat Ali Chowdhury (SQ) (Service)
- Santanu Mandal (SQ)
- Sumit Majumder (SQ) (Service)
- Paramita Hota (AIQ)
- Akash Mukherjee (SQ)

### MD [Radiology]
- Biswadeep Chandra (SQ) (Service)
- Vishnu Gopal (AIQ)
- Soumen Mukherjee (SQ) (Service)
- Ranti Ghosh (SQ)
- Rajib Bhattacharjee (SQ)
- Sididitya Mandal (SQ) (Service)

### MS [General Surgery]
- Gaurab Das (AIQ)
- Arnab Mondal (AIQ)
- Aditya Kumar De (SQ) (Service)
- Somen Sanfui (SQ)
- Pratik Das Adhikari (SQ) (Service)
- Amrit Kumar das (SQ)
- Gaurab Dasgupta (SQ)
- Barun Kumar (SQ)
- Anil Kumar Singh Yadav(AIQ)
- Kela Harish Premratan (AIQ)
- Jibakate Nikhilesh Ashok(AIQ)
- Chaina Paul (AIQ)
- Anirban Das (SQ) (Service)
- Bikash Chandra Dey (SQ) (Service)

### MD [TB & Respiratory Medicine]
- Sonali Paridha (AIQ)
- Pratik Biswas (SQ)
- Arnab SIt (AIQ)
### Postgraduate Diploma Students clearing University Examination in 2016

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<th>DMRD</th>
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<td>Sanjoy Ghosh (SQ) (Service)</td>
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### Postdoctoral Students clearing University Examination in 2016

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<tr>
<td>Dr. Aditya Kesharwani</td>
<td>Dr. Vishal Batra</td>
<td>Dr. Ankur Sinha</td>
<td>Dr. Nitin Dilip Aherrao</td>
<td>Dr. Saswata Chatterjee</td>
<td>Dr. Anindya Kumar Saha</td>
<td>Dr. Susanta Kumar Das</td>
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<td>Dr. Hitendra S. Nayak</td>
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<td>Dr. Vaibhav Jain</td>
<td>Dr. Manali Sarkar</td>
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<tr>
<td>Dr. Jayanta Bain</td>
<td>Dr. Vijay Kumar Sarma Madduri</td>
</tr>
<tr>
<td>Dr. Debasis Baitalk</td>
<td>Dr. Soumya Mondal</td>
</tr>
<tr>
<td>Dr. Sushovan Saha</td>
<td>Dr. Debi Prasad Das</td>
</tr>
<tr>
<td>Dr. Manavi Mishra</td>
<td>Dr. Sanjay Kumar</td>
</tr>
<tr>
<td>Dr. Krishnamand Dhruv</td>
<td>Dr. Deepak Kumar Biswal</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MCh [Urology]</th>
<th>DM [CTVS]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Varun Wats</td>
<td>Dr. Pramesh Jain</td>
</tr>
<tr>
<td>Dr. Vijay Kumar Sarma Madduri</td>
<td>Dr. Gautham Shetty</td>
</tr>
<tr>
<td>Dr. Soumya Mondal</td>
<td>Dr. Santosh Kumar</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Dr. Vishal Batra</td>
<td>Dr. Ankur Sinha</td>
<td>Dr. Nitin Dilip Aherrao</td>
<td>Dr. Saswata Chatterjee</td>
</tr>
<tr>
<td>Dr. Rahul Arora</td>
<td>Dr. Amitava Ghosh</td>
<td>Dr. Paramita Chowdhury</td>
<td>Dr. Saptarshi Bishnu</td>
</tr>
<tr>
<td>Dr. Manish Vinayak</td>
<td>Dr. R. Sreeshan</td>
<td>Dr. Hridish Narayan Chakraborty</td>
<td></td>
</tr>
<tr>
<td>Dr. Sreenath R.</td>
<td>Dr. Souvik Chaudhuri</td>
<td>Dr. Sayantant Ray</td>
<td></td>
</tr>
<tr>
<td>Dr. Pankaj Sarkar</td>
<td></td>
<td>Dr. Mohnish Kataria</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Anindya Kumar Saha</td>
<td>Dr. Susanta Kumar Das</td>
<td>Dr. Zakir Hussain</td>
<td>Dr. Shyamashis Das</td>
</tr>
<tr>
<td>Dr. Rameshwar Prasad</td>
<td>Dr. Adreesh Mukherjee</td>
<td>Dr. Adreesh Mukherjee</td>
<td>Dr. Kaushik Basu</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>DM [Rheumatology]</th>
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<tbody>
<tr>
<td>Dr. Shyamashis Das</td>
</tr>
<tr>
<td>Dr. Kaushik Basu</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>MCh [Neurosurgery – Supplementary]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Raghuvendra Kumar</td>
</tr>
<tr>
<td>Dr. Sagar Narayan Shahane</td>
</tr>
</tbody>
</table>
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:

<table>
<thead>
<tr>
<th>Role</th>
<th>Name &amp; designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chairperson</td>
<td>Director</td>
</tr>
<tr>
<td>Convener</td>
<td>College Secretary</td>
</tr>
<tr>
<td>Members</td>
<td>Medical Superintendent cum Vice-Principal</td>
</tr>
<tr>
<td></td>
<td>Heads of all departments</td>
</tr>
</tbody>
</table>

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:

### Governing Body Member

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

### Rogi Kalyan Samity Member

<table>
<thead>
<tr>
<th>SN</th>
<th>Name, Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Sri Arup Biswas, Hon’ble MIC, PWD, Youth Affairs, Sports (Chairperson)</td>
</tr>
<tr>
<td>2</td>
<td>Dr. Nirmal Maji, MLA and President, WB Medical Council</td>
</tr>
<tr>
<td>3</td>
<td>Dr. Tridib Banerjee, Chairperson, High Level Task Force, Health &amp; Family Welfare Department</td>
</tr>
<tr>
<td>4</td>
<td>Director, IPGME&amp;R-SSKM Hospital (Executive Chairperson)</td>
</tr>
<tr>
<td>5</td>
<td>Dr. Santanu Sen, KMC Councilor</td>
</tr>
<tr>
<td>6</td>
<td>Smt Papiya Singh, KMC Councilor</td>
</tr>
<tr>
<td>7</td>
<td>Dr. Sanjib Banerjee, DDME (MERT), H&amp;FW Dept.</td>
</tr>
<tr>
<td>8</td>
<td>Prof. Pradeep Kumar Saha, HOD Psychiatry</td>
</tr>
<tr>
<td>9</td>
<td>Prof. Rajendra Pandey, HOD Nephrology</td>
</tr>
<tr>
<td>10</td>
<td>Prof. Monoj Chowdhury, HOD Pathology</td>
</tr>
<tr>
<td>11</td>
<td>Dr. Biswajit Khara, MO, Anesthesiology</td>
</tr>
<tr>
<td>12</td>
<td>Dr. Sandip Biswas, MO Emergency</td>
</tr>
<tr>
<td>13</td>
<td>Superintendent, Sambhu Nath Pandit Hospital</td>
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<td>15</td>
<td>Nursing Superintendent, SSKM Hospital</td>
</tr>
<tr>
<td>16</td>
<td>Accounts Officer, SSKM Hospital</td>
</tr>
<tr>
<td>17</td>
<td>MO In-charge, Blood Bank, SSKM Hospital</td>
</tr>
<tr>
<td>18</td>
<td>Officer-In-Charge, Bhawanipur Police Station &amp; DC (South), Kolkata Police</td>
</tr>
<tr>
<td>19</td>
<td>Executive Engineer, PWD Civil &amp; PWD Electrical, SSKM Hospital Subdivision</td>
</tr>
<tr>
<td>20</td>
<td>Assistant Engineer, PWD Civil &amp; PWD Electrical, SSKM Hospital Subdivision</td>
</tr>
<tr>
<td>21</td>
<td>Sri Prabir Dutta, Executive Assistant to Hon’ble MIC, MA &amp; UD Department</td>
</tr>
<tr>
<td>22</td>
<td>Assistant Superintendents, SSKM Hospital</td>
</tr>
<tr>
<td>23</td>
<td>MSVP, IPGME&amp;R-SSKM Hospital (Member Secretary)</td>
</tr>
</tbody>
</table>
# IPGME&R and SSKM Hospital Administration

## Administrative Officers

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. Manju Banerjee</td>
<td>Director</td>
</tr>
<tr>
<td>Prof. Manimay Bandyopadhyay</td>
<td>Medical Superintendent cum Vice-Principal (MSVP) (from 03.12.2016)</td>
</tr>
<tr>
<td>Prof. Amal Kanti Das</td>
<td>Dean of Student Affairs</td>
</tr>
<tr>
<td>Dr. Atindra Kumar Mondal</td>
<td>Deputy Superintendent</td>
</tr>
<tr>
<td>Mr. Jatin Chandra Sardar</td>
<td>Accounts Officer, IPGME&amp;R</td>
</tr>
<tr>
<td>Mr. Debanjan Biswas</td>
<td>Accounts Officer, SSKM</td>
</tr>
<tr>
<td>Ms. Sebanti Mukherjee</td>
<td>Assistant Superintendent, SSKM</td>
</tr>
<tr>
<td>Mr. Kaustav Ghosh Chowdhuri</td>
<td>Assistant Superintendent, SSKM</td>
</tr>
<tr>
<td>Mr. Surajit Sen</td>
<td>Assistant Superintendent, SSKM</td>
</tr>
<tr>
<td>Mr. Anindya Banerjee</td>
<td>Assistant Superintendent, SSKM</td>
</tr>
<tr>
<td>Mr. Syed Ziaul Mustafa Alquadri</td>
<td>Assistant Superintendent, SSKM</td>
</tr>
<tr>
<td>Mr. Chanchal Konar</td>
<td>PA to Director</td>
</tr>
<tr>
<td>Mr. Soumendra Nath Kundu</td>
<td>PA to MSVP</td>
</tr>
</tbody>
</table>

## Administrative Office Staff

### Director's Office Section

- Sri Debasish Mitra, Head Clerk
- Sri Goutam Bardhan, Stenotypist (Supervisory Gr.)
- Sri Sunil Kumar Nath, Store-Keeper
- Smt. Bandana Roy, UDC
- Sri Panchu Gopal Dutta, UDC
- Sri Avijit Kumar Das, UDC
- Sri Barun Kumar Banerjee, UDC
- Sri Pijush Kanti Mondal, UDC
- Sri Soumen Saha, UDC
- Sri Santosh Kumar Mondal, UDC
- Sri Saswata Das, LDC
- Sri Harish Chandra Singha, LDC
- Sri Pradip Kumar Dhar, GDA
- Sri Subhas Chandra Panchadhayay, GDA
- Sri Apurba Saha, GDA
- Sri Jugeswar Prasad Ram, GDA
- Sri Santu Hazra, GDA
- Smt. Mitra Banerjee, GDA
- Sri Sk. Hasimuddin, GDA
- Sri Dipak Roy, GDA
- Sri Kanchan Das, GDA
- Sri Biswajit Sarkar, GDA
- Sri Biswajit Debnath, GDA
- Smt. Mona Devi, Sweeper

### Student Section (Office of the Dean)

- Sri Hariprasad Bhattacharya, Head Clerk
- Sri Swapan Kumar Sarkar, Stenotypist (Gr. I)
- Sri Provas Roy, GDA
- Sri Subhadeep Mondal, GDA
- Sri Sanjoy Das, GDA
- Sri Bijoy Kumar Das, GDA
- Sri Ananta Kumar Khatua, Hostel caretaker (Contractual)
- Sri Md. Arif, Support Staff
- Sri Soumitra Modak, Support Staff
- Sri Lala Ram, Sweeper
- Sri Guddu Lal, Sweeper
- Sri Baijnath Ram, Sweeper
Institutional Ethics Committees

In accordance with universally accepted principles of bioethics, all research in IPGME&R and SSKM Hospital must receive prior clearance from the institutional ethics committees. There are two such committees – the Institutional Animal Ethics Committee that approves and monitors research involving animals and IPGME&R Research Oversight Committee that does the same for human research. The animal ethics committee functions in accordance with the guidelines of the Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA), while the human ethics committee functions in accordance with the Indian Council for Medical Research (ICMR) and Central Drugs Standard Control Organization (CDSCO) guidelines. Although appointed by the IPGME&R administration, the committees function independently and the institute authority has no power to influence their decisions. The current composition of these two committees are as follows:

IPGME&R Research Oversight Committee
(Institutional Ethics Committee for biomedical research involving human participants)
Registered with Central Drugs Standard Control Organization (CDSCO), Government of India, in consonance with Rule 122D of the revised Drugs & Cosmetics Rules 1945 – Registration No. ECR/35/Inst/WB/2013

<table>
<thead>
<tr>
<th>SN</th>
<th>Name</th>
<th>Gender</th>
<th>Designation</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr. Hemanta Kumar Majumder</td>
<td>Male</td>
<td>Sr. Scientist, Indian Institute of Chemical Biology, Kolkata</td>
<td>Scientist &amp; Chairperson</td>
</tr>
<tr>
<td>2</td>
<td>Prof. Manju Banerjee</td>
<td>Female</td>
<td>Director, IPGME&amp;R and Professor of Surgery</td>
<td>Clinician</td>
</tr>
<tr>
<td>3</td>
<td>Prof. Dipanjan Bandyopadhyay</td>
<td>Male</td>
<td>Professor of Medicine and former Medical Superintendent cum Vice-Principal, IPGME&amp;R and SSKM Hospital</td>
<td>Clinician</td>
</tr>
<tr>
<td>4</td>
<td>Prof. Asit Kumar Senapati</td>
<td>Male</td>
<td>Professor of Neuromedicine &amp; Former Director, Banpur Institute of Neurosciences, Kolkata</td>
<td>Clinician</td>
</tr>
<tr>
<td>5</td>
<td>Prof. Swati Chakraborty</td>
<td>Female</td>
<td>Consultant, Institute of Child Health, Kolkata</td>
<td>Clinician (Pediatrician)</td>
</tr>
<tr>
<td>6</td>
<td>Prof. Jayanta Chatterjee</td>
<td>Male</td>
<td>Head, Department of Nuclear Medicine, IPGME&amp;R</td>
<td>Clinician</td>
</tr>
<tr>
<td>7</td>
<td>Prof. Bijay Kumar Majumdar</td>
<td>Male</td>
<td>Head, Department of Plastic Surgery, IPGME&amp;R</td>
<td>Clinician</td>
</tr>
<tr>
<td>8</td>
<td>Prof. Amal Santra</td>
<td>Male</td>
<td>Scientist, Department of Gastroenterology, IPGME&amp;R</td>
<td>Basic medical scientist</td>
</tr>
<tr>
<td>9</td>
<td>Prof. Rathindranath Dutta</td>
<td>Male</td>
<td>Consultant Dermatologist and Former Head, Department of Dermatology, IPGME&amp;R</td>
<td>Clinician</td>
</tr>
<tr>
<td>10</td>
<td>Prof. Rajendra Pandey</td>
<td>Male</td>
<td>Head, Department of Nephrology, IPGME&amp;R</td>
<td>Clinician</td>
</tr>
<tr>
<td>11</td>
<td>Dr. Bobby Pal</td>
<td>Female</td>
<td>Assistant Professor, Department of Preventive &amp; Social Medicine, All India Institute of Hygiene &amp; Public Health, Kolkata</td>
<td>Public Health Expert</td>
</tr>
<tr>
<td>12</td>
<td>Mr. Debdut Mukherjee</td>
<td>Male</td>
<td>Advocate, Calcutta High Court</td>
<td>Legal Expert</td>
</tr>
<tr>
<td>13</td>
<td>Mr. Arunangshu Shekhar Jana</td>
<td>Male</td>
<td>Social Worker, Mahendraganj, Dist. South 24 Parganas, West Bengal</td>
<td>Social worker</td>
</tr>
<tr>
<td>14</td>
<td>Mr. Swapan Kumar Sarkar</td>
<td>Male</td>
<td>Stenotypist</td>
<td>Lay person</td>
</tr>
<tr>
<td>15</td>
<td>Prof. Avijit Hazra</td>
<td>Male</td>
<td>Professor, Department of Pharmacology, IPGME&amp;R</td>
<td>Member-Secretary</td>
</tr>
</tbody>
</table>

This committee met 8 times during the year under review.
### Institutional Animal Ethics Committee
(CPCSEA Registration No. 544/c/PO/02/CPCSEA - renewal pending)

<table>
<thead>
<tr>
<th>SN</th>
<th>Name</th>
<th>Gender</th>
<th>Designation</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Prof. Amal Kanti Das</td>
<td>Male</td>
<td>Professor of Pharmacology and Dean of Student Affairs, IPGME&amp;R</td>
<td>Chairperson</td>
</tr>
<tr>
<td>2</td>
<td>Prof. Shikha Dutta</td>
<td>Female</td>
<td>CPCSEA Nominee</td>
<td>Scientist</td>
</tr>
<tr>
<td>3</td>
<td>Dr. Sarbani Hazra</td>
<td>Female</td>
<td>CPCSEA Nominee</td>
<td>Veterinarian</td>
</tr>
<tr>
<td>4</td>
<td>Mr. N. Mukherjee</td>
<td>Male</td>
<td>CPCSEA Nominee</td>
<td>Socially aware person</td>
</tr>
<tr>
<td>5</td>
<td>Dr. Mitali Chatterjee</td>
<td>Female</td>
<td>Professor – Dept. of Pharmacology, IPGME&amp;R</td>
<td>Member Secretary</td>
</tr>
</tbody>
</table>

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

- Paracelsus
## Anaesthesiology

### FACULTY, MEDICAL OFFICERS AND STUDENTS

<table>
<thead>
<tr>
<th>Designation</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor &amp; HOD</td>
<td>Prof. Sankari Santra MD, PDCC (Neuroanaesthesia)</td>
</tr>
<tr>
<td>Associate Professor</td>
<td>Dr. Sarbari Swaika DA, MD</td>
</tr>
<tr>
<td></td>
<td>Dr. Chiranjib Bhattacharya DA, MD</td>
</tr>
<tr>
<td></td>
<td>Dr. Rajat Choudhuri MD</td>
</tr>
<tr>
<td>Assistant Professor</td>
<td>Dr. Rajiv Kumar Samal MD</td>
</tr>
<tr>
<td></td>
<td>Dr. Samarendra Nath Samui MD</td>
</tr>
<tr>
<td></td>
<td>Dr. Rajasree Biswas MD, DNB</td>
</tr>
<tr>
<td></td>
<td>Dr. Ratul Kundu MD</td>
</tr>
<tr>
<td></td>
<td>Dr. Suchismita Mallick MD</td>
</tr>
<tr>
<td></td>
<td>Dr. Dhiman Adhikari MD</td>
</tr>
<tr>
<td>Tutor</td>
<td>Dr. Bhabani Moitra DA</td>
</tr>
<tr>
<td></td>
<td>Dr. Mohona Mukherjee MD</td>
</tr>
<tr>
<td></td>
<td>Dr. Suchismita Pal MD</td>
</tr>
<tr>
<td></td>
<td>Dr. Amrita Roy MD</td>
</tr>
<tr>
<td></td>
<td>Dr. Soma Sengupta DA</td>
</tr>
<tr>
<td></td>
<td>Dr. Anamitra Mondal MD</td>
</tr>
<tr>
<td>Medical Officers</td>
<td>Dr. Arunabha Sarkar MBBS</td>
</tr>
<tr>
<td></td>
<td>Dr. Biswajit Khanra MBBS</td>
</tr>
<tr>
<td></td>
<td>Dr. Srabanti Barman MBBS</td>
</tr>
<tr>
<td></td>
<td>Dr. Prabir Chandra Das MBBS</td>
</tr>
</tbody>
</table>

### Postgraduate Trainees

#### MD students

<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
<th>Year</th>
<th>Name</th>
<th>Year</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Dr. Sushovan Chakraborty</td>
<td></td>
<td>Dr. Shruti Kundu</td>
<td></td>
<td>Dr. Titas Mondal</td>
</tr>
<tr>
<td></td>
<td>Dr. Dilip Kumar Singri</td>
<td></td>
<td>Dr. Sudeshna padhi</td>
<td></td>
<td>Dr. Purbasha Ray</td>
</tr>
<tr>
<td></td>
<td>Dr. Pratishtha Yadav</td>
<td></td>
<td>Dr. Vartika Srivastava</td>
<td></td>
<td>Dr. Debjani Saha</td>
</tr>
<tr>
<td></td>
<td>Dr. Swarupa Roychoudhury</td>
<td></td>
<td>Dr. Sabnam Seuli</td>
<td></td>
<td>Dr. Ria Sonam</td>
</tr>
<tr>
<td></td>
<td>Dr. Monika Agarwal</td>
<td></td>
<td>Dr. Prashanti Mukherjee</td>
<td></td>
<td>Dr. Alsaba Rahaman</td>
</tr>
<tr>
<td></td>
<td>Dr. Arka Das</td>
<td></td>
<td>Dr. Suraj Majumdar</td>
<td></td>
<td>Dr. Roshnita Sengupta</td>
</tr>
<tr>
<td></td>
<td>Dr. Amartya Das</td>
<td></td>
<td>Dr. Aparajita Sinha</td>
<td></td>
<td>Dr. Megha Chakraborty</td>
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<tr>
<td></td>
<td>Dr. Soumya Chakraborty</td>
<td></td>
<td>Dr. Dhananjay Mondal</td>
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<td>Dr. Atul Aman</td>
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<td></td>
<td>Dr. Dipak Mondal</td>
<td></td>
<td>Dr. Anindita Dutta Roy</td>
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<td>Dr. Sumit Satpathi</td>
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<td></td>
<td>Dr. Jitendra Thakur</td>
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<td>Dr. Dipankar Tripathi</td>
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<td>Dr. Asit Biswas</td>
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<td></td>
<td>Dr. Tapas Kumar Barman</td>
<td></td>
<td>Dr. Oindrila Sinha</td>
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<td>Dr. Soumen saha</td>
</tr>
<tr>
<td></td>
<td>Dr. Subhasis Ghosh</td>
<td></td>
<td>Dr. Moumita Mondal</td>
<td></td>
<td>Dr. Samiran De</td>
</tr>
<tr>
<td></td>
<td>Dr. Debdeep Basu</td>
<td></td>
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</tr>
</tbody>
</table>

#### DA students

<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
<th>Year</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015 – 2017</td>
<td>Dr. Soumyajit Mondal</td>
<td>2016 – 2018</td>
<td>Dr. Yamini Arora</td>
</tr>
<tr>
<td></td>
<td>Dr. Nilanjan Bhattacharya</td>
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</table>
Students clearing University examination in 2015

<table>
<thead>
<tr>
<th>2013-2016 MD Students</th>
<th>2014-2016 DA Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Gargi Nandi</td>
<td>Dr. Mrinal Kumar Mallick</td>
</tr>
<tr>
<td>Dr. Jishnu Nayak</td>
<td></td>
</tr>
<tr>
<td>Dr. Pratibha Bhunia</td>
<td></td>
</tr>
<tr>
<td>Dr. Arun Kumar Mandi</td>
<td></td>
</tr>
<tr>
<td>Dr. Arpita Choudhury</td>
<td></td>
</tr>
<tr>
<td>Dr. Shanta Dutta</td>
<td></td>
</tr>
<tr>
<td>Dr. Swarnali Dasgupta</td>
<td></td>
</tr>
<tr>
<td>Dr. Priyabrata Shit</td>
<td></td>
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<tr>
<td>Dr. Zoeongmawia</td>
<td></td>
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<tr>
<td>Dr. Animesh Baul</td>
<td></td>
</tr>
<tr>
<td>Dr. Amitava Nandy</td>
<td></td>
</tr>
<tr>
<td>Dr. Priyanka Mondal</td>
<td></td>
</tr>
<tr>
<td>Dr. Nairita Mayur</td>
<td></td>
</tr>
<tr>
<td>Dr. Piyush Kanti Choudhury</td>
<td></td>
</tr>
</tbody>
</table>

Faculty members retired or transferred out during the period 01.11.2015 to 31.10.2016
Dr. Sudeshna Bhar Kundu

REGULAR ACADEMIC ACTIVITIES

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

Research work (submitted as thesis topics) ongoing

Comparison of intravenous clonidine and intravenous dexmedetomidine in attenuating the pressure response during laryngoscopy and endotracheal intubation
Student: Dr Debdeep Basu
Guide: Prof (Dr) Dhurjoti Bhattacharya
Co guide: Dr Samarendranath Samui

A comparative study between propofol and dexmedetomidine on glycemic control in patients undergoing laparoscopic surgery.
Student: Dr Monika Agrawal
Guide: Prof (Dr) Amalendu Bikas Chatterjee
Co guide: Dr Rajat Choudhuri

Comparative evaluation of subclavian vein catheterization using supraclavicular versus infraclavicular approach
Student: Dr Dilip Kumar Singri
Guide: Prof (Dr) Chaitali Sen
Co guide: Prof (Dr) Anupam Goswami, Dr Sandeep Kr Kar

Comparative study of midline and paraglossal approach of miller blade intubation in children < 2 yrs age
Student: Dr Swarupa RoyChoudhury
Guide: Prof (Dr) Amalendu Bikas Chatterjee
Co guide: Dr Ratul Kundu

Comparative study between infusion dexmedetomidine and infusion magnesium sulphate on attenuation of blood pressure surge in laparoscopic surgery under general anesthesia.
Student: Dr Subhasis Ghosh
Guide: Prof (Dr) Amalendu Bikas Chatterjee
Co guide: Dr Suchismita Mallick

Comparison between Macintosh, Miller and McCoy laryngoscope blade size 2 in paediatric patients - A randomised control trial.
Student: Dr Pratishtha Yadav
Guide: Prof (Dr) Dhurjoti Bhattacharya
Co guide: Dr Sudeshna Bhar (Kundu)

Comparison of regional cerebral oxygen saturation and central venous oxygen saturation as predictors of outcome in off pump coronary artery bypass graft surgery patients
Student: Dr Shruti Kundu
Guide: Dr Chaitali Sen
Co-guide: Dr Anupam Goswami, Dr Sandeep Kumar Kar

Comparison between infusion dexmedetomidine and infusion magnesium sulphate on attenuation of blood pressure surge in laparoscopic surgery under general anesthesia.
Student: Dr Subhasis Ghosh
Guide: Prof (Dr) Amalendu Bikas Chatterjee
Co guide: Dr Suchismita Mallick

Comparison between Macintosh, Miller and McCoy laryngoscope blade size 2 in paediatric patients - A randomised control trial.
Student: Dr Pratishtha Yadav
Guide: Prof (Dr) Dhurjoti Bhattacharya
Co guide: Dr Sudeshna Bhar (Kundu)

Comparison of classic approach versus inguinal approach for obturator nerve block in patients undergoing transurethral resection of bladder tumours under spinal anaesthesia.
Student: Dr Dipak Kumar Mondal
Guide: Dr Chiranjib Bhattacharyya
Co guide: Dr Sandip Sinha

A comparative analysis between epidural ropivacaine and dexmedetomidine versus ropivacaine and clonidine for the control of post operative pain in lumbar spine surgery.
Student: Dr Amartya Das
Guide: Dr Chiranjib Bhattacharyya

Effect of isoflurane and propofol anaesthesia on arterial and end tidal CO2 gradient in lap cholecystectomy patients.
Student: Dr Jitendra Thakur
Guide: Prof (Dr) Sankar Santra
Co guide: Dr Ratul Basu

Intraoperative blood glucose level changes between obese and non-obese non-diabetic patients undergoing general anaesthesia for craniotomy surgery.
Student: Dr Soumya Chakrabartty
Guide: Prof (Dr) Sampa Dutta Gupta
Co guide: Dr Indrani Chakrabarty

Comparison of intranasal dexmedetomidine along with oral diazepam versus oral diazepam as a premedication to evaluate efficacy on reduction of anxiety sedation and haemodynamic response to laryngoscopy and endotrachel intubation in elective lumbar spine surgery: A randomised, double blinded, placebo controlled study.
Student: Dr Arka das
Guide: Prof (Dr) Amita Acharya
Co guide: Dr Saikat Niyogi

Student: Dr Tapas Kumar Barman
Guide: Prof (Dr) Anupam Goswami
Co guide: Prof (Dr) Chaitali Sen, Dr Kakali Ghosh

A prospective observational study for assessment of preoperative insulin sensitivity state of adult female with BMI more than 30 kg/m2 undergoing abdominal surgery under general anaesthesia.
Student: Dr Sushovan Chakrabarti
Guide: Prof (Dr) Sampa Dutta Gupta
Co guide: Dr Rajiv Kumar Samal

Randomised single blind comparison of prophylactic dexametomidine and ketamine for the control of shivering under spinal anaesthesia in patients undergoing elective infraumbilical and lower limb surgeries.
Student: Dr Rituparna Murmu
Guide: Prof (Dr) Amalendu Bikas Chatterjee
Co guide: Dr Rajasree Biswas

Comparison of regional cerebral oxygen saturation and central venous oxygen saturation as predictors of outcome in off pump coronary artery bypass graft surgery patients
Student: Dr Shruti Kundu
Guide: Dr Chaitali Sen
Co-guide: Dr Anupam Goswami, Dr Sandeep Kumar Kar

Comparison between hemodynamic effects of propofol & etomidate as induction agents in lumbar spinal surgery
Comparative evaluation of proseal laryngeal mask airway and I-Gel with endotracheal tube in laparoscopic cholecystectomy: A randomised controlled study
Student: Dr Vartika Srivastava
Guide: Dr Chiranjib Bhattacharyya
Co-guide: Dr Sudeshna Bhar Kundu

Comparison of hemodynamic and biochemical changes between normal saline irrigation and glycine irrigation in transurethral resection of prostate for benign prostatic hyperplasia: A prospective randomised study
Student: Dr Prasanti Mukherjee
Guide: Dr Sankari Santra
Co-guide: Dr Dhiman Adhikari, Dr Debasmita Bandyopadhyay

Effect of Desflurane and Sevoflurane on awakening and quality of recovery in patients undergoing general anaesthesia for abdominal surgery: A Randomised double blinded controlled trial
Student: Dr Suraj Majumdar
Guide: Dr Sarbari Swaika
Co-guide: Dr Ratul Kundu

The Abilities of pulse pressure variation and stroke volume variation to predict fluid responsiveness in prone position during lumber fixation surgery
Student: Dr Sudeshna Padhi
Guide: Dr Amita Pahari
Co-guide: Dr Indrani Chakraborty

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

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

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

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

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

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

Recovery characteristics of BIS Guided equisedative infusion of propofol and dexmedetomidine for sedation during spinal anaesthesia in elderly patients under going hip surgery: A prospective randomised study
Student: Dr Anindita Dutta Roy
ACADEMIC ACTIVITIES OF FACULTY MEMBERS

Dr. Sankari Santra

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

Invited speaker

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

Publications


Dr. Sarbari Swaika

Publications

- A comparative study of isobaric 0.5% levobupivacaine combined with 50 mcg fentanyl versus isobaric 0.5% ropivacaine combined with 50 mcg fentanyl in lumbar epidural anaesthesia for elective infraumbilical surgery . Swarnali Dasgupta, Samarendra Nath Samui, Sarbari Swaika, Arpita Choudhary. J. Evolution Med. Dent. Nov 2016; 5(95): 7029-33
- Comparative study of 0.5% levobupivacaine combined with dexmedetomidine versus 0.5% levobupivacaine combined with dexmedetomidineintrathecally for elective orthopaedic surgeries. Sarbari Swaika, Sandip Sinha, Dhiman Adhikari, Arpita Choudhury International Research Journal of Natural and Applied Sciences July 2016; 3: 18-31
Chairperson/ Speaker

- Speaker in the session of “Joint Pain”- ICRA PAIN 2016
- Moderator in Debate Session: ISACON 2016 in Ludhiana
- Assigned as Internal Examiner, MD Anaesthesiology 2016 in IPGME&R of West Bengal University of Health Sciences
- Speaker RSACP CON 2016 (patna)-Update on perioperative transfusion in paediatric patient.
- Organized workshop and CME on optimized perioperative principles. (29.05.2016)
- Organised CME and workshop on difficult airway. (13.11.2016)

Dr. Chiranjib Bhattacharyya

Publications

- Successful anaesthetic management of an infant with cushing's syndrome - a rare case report. Journal of disease and global health, 2016, vol.: 8, issue.:1

Chairperson/ Speaker

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

Dr. Samarendra Nath Samui

Publication

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

Invited speaker

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

Dr. Rajat Choudhuri

Publications

- Incidental Diagnosis of a Tracheo Esophageal Fistula in a patient posted for right pyeloplasty under General Anaesthesia during positive pressure ventilation: A Rare Experience and a challenge in Anaesthetic management. International Journal of Natural and Applied Science 2016; 3 Issue 2
- Recurrent hypoglycaemia in a case of Phyllodes Tumour of the Breast: A Rare Case Report. Carcinogenesis and
Mutagenesis 2016; 7:2 (International Editorial Management, USA, UK)

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

Conferences attended and Invited Speaker

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

Dr. Ratul Kundu

Publication

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

Conference and Workshops attended:

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

Invited Speaker

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

Dr. Suchismita Mallick

Publication


Invited Speaker

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

Dr. Dhiman Adhikari

Publication

- Incidental Diagnosis of a Tracheo Esophageal Fistula in a patient posted for right pyeloplasty under General Anaesthesia during positive pressure ventilation: A Rare Experience and a challenge in Anaesthetic management. International Journal of Natural and Applied Science 2016; 3 Issue 2
• Comparative study of 0.5% levobupivacaine combined with dexmedetimidine versus 0.5% levobupivacaine combined with dexmedetimidine intrathecally for elective orthopaedic surgeries. Sarbari Swaika, Sandip Sinha, Dhiman Adhikari, Arpita Choudhury International Research Journal of Natural and Applied Sciences July 2016; 3: 18-31

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

**Dr. Suchismita Pal**

**Publications**

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

**Dr. Amrita Roy**

**Publications**

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

**Dr. Soma Sengupta**

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

**Dr. Anamitra Mandal**

**Publications**
- A study of the LMA C-TRACHTM guided intubation with special reference to the conventional laryngoscopic
• Caudal-epidural bupivacaine versus ropivacaine with fentanyl for paediatric postoperative analgesia. Swapnadeep Sengupta, Sudakshina Mukherji, Sarbari Swaika, Jagabandhu Sheet, Anamitra Mandal. Anesthesia: Essays and Researches 2015; 9(2)

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

Dr. Ruchi Shah

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

SERVICE INFORMATION

A. OPD (Anaesthesiology)

Number of patients attending OPD for Pre-anaesthetic check up: 15846
Number of patients attending Pain OPD: 34

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

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

C. ITU:

Enlisted patients: 3824
Patients admitted + Transfer in: 182 + 313 (495)
Discharge + Transfer out: 31 + 276 (307)
Survival rate among admitted patients: 61.61%
Number of patients discharged against medical advice: 7
Anatomy

Teaching Staff

<table>
<thead>
<tr>
<th>Name of the Officer</th>
<th>Qualification</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Asis Kumar Ghosal</td>
<td>MBBS, MD</td>
<td>Professor &amp; Head</td>
</tr>
<tr>
<td>Dr. Indra Datta</td>
<td>MBBS, MD</td>
<td>Professor</td>
</tr>
<tr>
<td>Dr. Debjani Roy</td>
<td>MBBS, MD</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. Sanchita Roy</td>
<td>MBBS, DCH, MD</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Prerana Aggarwal</td>
<td>MBBS, MD</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>D r. Iman Sinha</td>
<td>MBBS, MD</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Alipta Bhattacharya</td>
<td>MBBS, D, M.D</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Tulsi Mandal</td>
<td>MBBS, MD</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Arnab Bhattacharya</td>
<td>MBBS,MD</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Barindra Nath Mandal</td>
<td>MBBS</td>
<td>Demonstrator</td>
</tr>
<tr>
<td>Dr. Soumali Biswas</td>
<td>MBBS, MD</td>
<td>Demonstrator</td>
</tr>
<tr>
<td>Dr. Ratna deep Poddar</td>
<td>MBBS, MD</td>
<td>Demonstrator</td>
</tr>
<tr>
<td>Dr. Sutandra Choudhury</td>
<td>MBBS, MD</td>
<td>Demonstrator</td>
</tr>
<tr>
<td>Dr. Sarbajit Mazumder</td>
<td>MBBS</td>
<td>Demonstrator (on detailment)</td>
</tr>
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</table>

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

Postgraduate (MS Anatomy) Trainees

<table>
<thead>
<tr>
<th>Name of the PGT</th>
<th>Year</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Raag Reeti</td>
<td>3rd year</td>
<td>2014 - 2017</td>
</tr>
<tr>
<td>Dr. Rajarshi Datta</td>
<td>3rd year</td>
<td>2014 - 2017</td>
</tr>
<tr>
<td>Dr. Moumita Chatterjee</td>
<td>3rd year</td>
<td>2014 - 2017</td>
</tr>
<tr>
<td>Dr. Suhit Sammaddar</td>
<td>3rd year</td>
<td>2014 - 2017</td>
</tr>
<tr>
<td>Dr. Kakali Halder</td>
<td>2nd year</td>
<td>2015 - 2018</td>
</tr>
<tr>
<td>Dr. Prasanta Chakraborty</td>
<td>2nd year</td>
<td>2015 - 2018</td>
</tr>
<tr>
<td>Dr. Akash Kusum Banerjee</td>
<td>1st year</td>
<td>2016 - 2019</td>
</tr>
<tr>
<td>Dr. Biswanath Baskey</td>
<td>1st year</td>
<td>2016 - 2019</td>
</tr>
</tbody>
</table>

Medical Technologists (Laboratory): Mr. Sahadev Malty

Other non-teaching staff:

<table>
<thead>
<tr>
<th>Name</th>
<th>Designation</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr. Tapas De</td>
<td>GDA</td>
<td></td>
</tr>
<tr>
<td>Mr. Mihir Mondal</td>
<td>GDA</td>
<td></td>
</tr>
<tr>
<td>Ashok Mallick</td>
<td>Dom</td>
<td></td>
</tr>
<tr>
<td>Dinesh Mallick</td>
<td>Dom</td>
<td></td>
</tr>
<tr>
<td>Anil Kumar Mallick</td>
<td>Dom</td>
<td></td>
</tr>
<tr>
<td>Atish Mallick</td>
<td>Dom</td>
<td>Currently detailed in FSM department</td>
</tr>
<tr>
<td>Sanjay Mallick</td>
<td>Dom</td>
<td></td>
</tr>
</tbody>
</table>

Post of Sweeper is currently vacant.
Regular academic activities

- Department is actively associated with theoretical & practical teaching program for postgraduate students of anatomy.
- Regular Lecture and Demonstration classes for the students of physiotherapy,
- Regular research activity is undertaken by the teachers and PGTs and research guidance for PGT students is provided by the senior teachers of the Department.
- Regular Departmental meeting for academic and Research up gradation / development.
- Regular endoscopic study and temporal bone dissection on the fresh cadaver done by the faculty and PGT of ENT Dept. in a special separate dissection hall in the department.
- Undergraduate and postgraduate seminars, micro-teaching & journal club discussion are conducted regularly.
- Installation of a dissecting microscope in collaboration with the department of Neurosurgery, BIN.

Service information

Continuous motivation for donation of dead bodies is carried out.

Developmental issues

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

Research publications by faculty and PGTs

- Body donation after death - The mental setup of educated people. A Saha, A sarkar, S Mandal. JCDR 2015; 9, AC05-09.

Current problems on which research work is going on:

1. Histological study of internal carotid artery, external carotid artery & vertebral artery in relation with pulse pressure & pulsatory power; Dr. Minakshi Verma, Dr. Indra Datta, Prof. Asis Kumar Ghosal, Dr. Sanchita Roy, Dr. Prerana Aggarwal, Dr. Santanu Nandy.
2. A case series of clefts of lip, alveolus & palate with respect to epidemiological factors in eastern Indian population; Dr. Prerana Aggarwal.
3. Morphological study on the variation of the pattern of circle of Willis in human brain; Dr. Iman Sinha, Prof. Asis Kumar Ghosal, Dr. Ratul Basu.
4. Morphometric study of left coronary artery trunk; Dr. Sanchita Roy, Dr. Avanish Gupta, Dr. B. K. Nanrah, Dr. Ritaban Saha.
5. A study on upper femur geometry in AP radiograph; Dr. Sanchita Roy, Dr. Avanish Gupta, Dr. B. K. Nanrah.
6. Cerebral venous sinus thrombosis in case of antiphospholipid antibody syndrome; Dr. Prerna Aggarwal, Dr. Indra Dutta.
7. A study on the effect of systemic hypertension on retinal nerve fiber layer thickness in West Bengal; Dr. Alipta Bhattacharya et al.
8. Morphometry of lumbar pedicle; Dr. Iman Sinha et al.
9. Anatomical variations of nasal cavity and paranasal sinuses in patients presenting to the hospital with sino-nasal complications - a CT scan study; Dr. Raag Reeti, Dr. Rajib Kundu, Dr. S. B. Samanta.
10. A morphometric study of the meniscus and cruciate ligaments of knee joints in cadavers; Dr. Rajarshi Dutta, Prof. Asis Kumar Ghosal.
11. Estimation of human stature from the sum of the percutaneous length of tibia and fibula; Dr. Suhit Samaddar, Dr. Indra Dutta.
12. Morphometric analysis of humerus; Dr. Moumita Chaterjee, Prof. Asis Kumar Ghosal.
13. Morphometric analysis and histological study of pyramidal lobe of thyroid gland in eastern Indian population - a cadaver based study; Dr. Ratnadeep Poddar, Dr. Alipta Bhattacharya, Dr. Iman Sinha, Prof. A.K.Ghosal.
14. A surgical approach for localization of zygomatic branch of Facial nerve and masseteric nerve - an aid to nerve co-aptation for facial reanimation surgery - a cadaver based study in eastern India; Dr. Ratnadeep Poddar, Dr. Alipta Bhattacharya, Dr. Iman Sinha, Prof. Asis Kumar Ghosal.
15. Correlation between human stature with cephalo-facial diameters in adult population; Dr. Kakali Halder, Prof. Indra Datta.
16. Morphometric study of different orbital fissures and foramens in dry skull in eastern Indian region; Dr. Prasanta Chakraborty, Prof. Asis Kumar Ghosal.
17. A comparative study on differences in morphological and histological change of placenta, birth weight and height of baby between normal pregnancy and pregnancy induced hypertensive mother; Dr. Biswanath Baskey, Prof. Indra Datta.
18. Association of sex chromosome and autosomal factors in male subjects of infertile couples - an eastern Indian study; Dr. Akash Kusum Banerjee, Prof. Asis Kumar Ghosal.
Neuroanaesthesiology

FACULTY

<table>
<thead>
<tr>
<th>Faculty Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Amita Acharya DA, MD</td>
<td>Professor &amp; Head</td>
</tr>
<tr>
<td>Dr. Saikat Neogi, MD, PDCC</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Indrani Chakraborty MD</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Jishnu Nayak MD</td>
<td>Senior Resident</td>
</tr>
</tbody>
</table>

Posts of Clinical Tutors are currently vacant.

Neurointensive Care Unit: Medical Officers
Dr. Sujata Samaddar
Dr. Anish Kumar Das
Dr. Prosanto Mandal
Dr. Rina Sarkar
Dr. Anjan Chowdhury

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

REGULAR ACADEMIC ACTIVITY

- Attending CME programme organized by ISA (WB Branch) at different medical 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.
- Conducting workshops at regular interval
- Rotational allotment of post graduate students to the Bangur Institute of Neurology, IPGME&R, Kolkata from various postgraduate institutes of West Bengal.
- Regular class taken for Diploma in Critical Care students

Research work as thesis topics - ongoing / proposed

Thesis projects completed / ongoing in 2016

- Comparison of intranasal dexmedetomidine along with oral diazepam versus only oral diazepam as a premedication to evaluate efficacy on reduction of anxiety, sedation and hemodynamic response to laryngoscopy and endotracheal intubation in elective lumbar spine surgery: a randomized, double blinded, placebo controlled study.
  Dr. Arka Das  Guide: Prof. Amita Acharjee  Co-guide: Dr. Saikat Niyogi

- Intraoperative blood glucose level changes between obese and non-obese non-diabetic patients undergoing general anesthesia for craniotomy surgery.
  Dr. Soumya Chakrabarti  Guide: Prof. Sampa Dutta Gupta  Co-guide: Indrani Chakraborty

- A comparison of hemodynamic effects between induction agents propofol & etomidate in patients undergoing lumbar spinal surgeries.
  Dr. Aporajita Sinha  Guide: Prof. Amita Acharjee  Co-guide: Dr. Saikat Niyogi
• The abilities of pulse pressures and stroke volume variations to predict fluid responsiveness in prone position during lumbar fixation surgery.

Dr. Sudeshna Padhi  Guide: Prof. Amita Acharjee  Co-guide: Indrani Chakraborty

SERVICE INFORMATION

OPD (Pain Clinic)
Number of old patients attending 650
Number of new patients attending 50

No. of operations done in the operation theatres of BIN:
Major OT 1190

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

Neurointensive care unit (NICU)
Admitted 544  Discharged 386

No. of CT scan under GA 350
**Bangur Institute of Neurosciences - Neurology (Neuromedicine)**

### Teachers and medical officers

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Shyamal Kumar Das</td>
<td>MD, DM</td>
<td>Professor &amp; Head</td>
</tr>
<tr>
<td>Dr. Goutam Gangopadhyay</td>
<td>MD, DM</td>
<td>Professor</td>
</tr>
<tr>
<td>Dr. Tejendra Narayan Kundu</td>
<td>MD, DM</td>
<td>Professor</td>
</tr>
<tr>
<td>Dr. Atanu Biswas</td>
<td>MD, DM</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. Biman Kanti Roy</td>
<td>MD, DM</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. Alak Pandit</td>
<td>MD, DM</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. Samar Biswas</td>
<td>MD, DM</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Deb Sankar Guin</td>
<td>MD, DNB (Med), DM</td>
<td>Assistant Professor</td>
</tr>
</tbody>
</table>

### Neurogenetic unit

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Anindita Joardar</td>
<td>MSc, PhD</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Mr. Sayantan Chakravarty</td>
<td>MSc</td>
<td>Senior Research Fellow</td>
</tr>
<tr>
<td>Mr. Sarnava Roy</td>
<td>MSc</td>
<td>Research Associate</td>
</tr>
</tbody>
</table>

### Medical officers (in Neuro emergency)

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Bijan Kumar Samajpati</td>
<td>MBBS</td>
<td>Medical Officer</td>
</tr>
<tr>
<td>Dr. Mridula Chakarborhty</td>
<td>MBBS, DGO</td>
<td>Medical Officer</td>
</tr>
<tr>
<td>Dr. Sikha Roy</td>
<td>MBBS</td>
<td>Medical Officer</td>
</tr>
<tr>
<td>Dr. Anjana Mukherjee</td>
<td>MBBS</td>
<td>Medical Officer</td>
</tr>
<tr>
<td>Dr. Manas Kumar Sinha</td>
<td>MBBS, DGO</td>
<td>Medical Officer</td>
</tr>
<tr>
<td>Dr. Malay Das</td>
<td>MBBS</td>
<td>Medical Officer</td>
</tr>
<tr>
<td>Dr. Chandan Burman</td>
<td>MBBS</td>
<td>Medical Officer</td>
</tr>
<tr>
<td>Dr. Kuhu Diwanjee</td>
<td>MBBS</td>
<td>Medical Officer</td>
</tr>
</tbody>
</table>

### Senior Residents

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Position</th>
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</thead>
<tbody>
<tr>
<td>Dr. Debsadhan Biswas</td>
<td>MD, DM</td>
<td>Senior Resident</td>
</tr>
<tr>
<td>Dr. Adreesh Mukherjee</td>
<td>MD, DM</td>
<td>Senior Resident</td>
</tr>
<tr>
<td>Dr. Souvik Dubey</td>
<td>MD, DM</td>
<td>Senior Resident</td>
</tr>
</tbody>
</table>

### Postdoctoral trainees (DM Neuromedicine) - Seven students per year

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

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

CURRENT RESEARCH WORK

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

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

SERVIECE INFORMATION

Attendance at OPD

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

Emergency Department (Neuroemergency)

<table>
<thead>
<tr>
<th></th>
<th>Attendance</th>
<th>Admitted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nov 2015 – Oct 2016</td>
<td>33890</td>
<td>2300 (6.8%)</td>
</tr>
</tbody>
</table>

In-patient

Total admission 794 (predominantly from BIN OPD)

- Stroke: 294 (38.68%)
- Metabolic encephalopathy: 36 (4.7%)
- Wilson's disease: 10 (1.33%)
- Degenerative dementia: 20 (2.63%)
- Movement disorders: Parkinson disease: 23 (3.02%) Others: 25 (3.28%)
- Infections (Brain)
  - Acute: 51 (6.42%)
  - Chronic: 43
  - Tuberculosis: 41 (5.13%)
  - Fungal: 1 (0.013%)
  - Slow viral: 1 (0.013%)
- Demyelination: 30; Primary: 22 (2.89%) Secondary: 28(3.68%)
• Spinal cord disease: 43; Acute 20 (2.63%) Chronic 23 (3.02%)
• Neuromuscular junction disorder: 21(2.76%)
• Peripheral neuropathy: 74 (9.72%); Acute 56 (7.36%) Chronic 18(2.36%)
• Muscle disease: 5 (0.65%)
• Seizure: 46 (6.05%)
• Optic neuritis: 36 (4.73%)
• Orbital apex syndrome/multiple cranial nerve palsies: 9 (1.18%)
• SSPE: 6 (0.07%)
• Leigh disease: 2 (0.026%)

Special clinic performance in 2016

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

Total patients seen in special clinic: 6401

Electrophysiology laboratory performance in 2016

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

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

Number of patients who attended the genetic clinic – 557
Number of patients for whom the following diagnostic tests were done in the genetic laboratory:

### Muscle Diseases
- Duchene’s muscular dystrophy – 39
- Becker’s muscular dystrophy – 12
- Myotonic dystrophy-i – 14
- Spinal muscular atrophy – 15

### Movement Disorders
- Huntington’s disease – 13
Autosomal dominant ataxia; SCA1, SCA2, SCA3, SCA6, SCA12, DRPLA – 64
Autosomal Recessive Ataxia; Friedreich’s Ataxia – 15

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

Projects running in the Neurogenetic Unit funded by State DST
1. Assessing the prevalence of genetic risk factors-APOE and IL-6-G174C polymorphism in Alzheimer related dementia patients of Eastern India.  
   Three year project with a budget of Rs. 16,58,800.00; third year running.
2. Study on APO E allele in mild to moderate Head Injury in Eastern India.  
   Two year project with a budget of Rs. 5,36,800.00; completed in Feb, 2016.

Abstract presentations
• Evaluation of APOE and IL-6 polymorphism in Alzheimer Patients in Eastern India. Sarnava Ray, Sayantan Chakravarty, Anindita Joardar, Atanu Biswas, Gautam Ganguly, Shyamal Kumar Das. Abstract presented in 1st Regional Science and Technology Congress-2016, Presidency Division, West Bengal, held at National Institute of Technical Teachers’ Training and Research, Kolkata- Mr Sarnava Roy received the outstanding paper award.

ACADEMIC ACTIVITIES
• Weekly regular case presentation, seminar, journal clubs, monthly statistical meeting (auditing of death cases) are carried throughout the year.
• All third year residents participated in annual conference of Indian Academy of Neurology (IANCON) held at Kolkata, West Bengal in November, 2016 and presented papers.
• All second year residents participated in annual conference of Associations of Neuroscientist of Eastern India held at Shillong, Meghalaya in October, 2016 and presented papers.

Publications


### Conferences attended by faculty

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Conferences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. Shyamal Kumar Das</td>
<td>• World Stroke Congress 2016 at Hyderabad (Chaired session)</td>
</tr>
<tr>
<td></td>
<td>• Delivered lecture on &quot;Epidemiology of dementia and its burden in city of Kolkata, India&quot; at the Symposium on Brain Imaging and Dementia in low and middle income countries 2016 at Nairobi Kenya</td>
</tr>
<tr>
<td></td>
<td>• IANCON 2016 at Kolkata</td>
</tr>
<tr>
<td></td>
<td>• Attended National Movement Disorder society of India at Chennai held in January, 2016</td>
</tr>
<tr>
<td>Prof. Goutam Ganguly</td>
<td>• ECON 2016 at Chennai (Chaired session)</td>
</tr>
<tr>
<td></td>
<td>• Headache update program under IANCON at Udaipur (Chaired session)</td>
</tr>
<tr>
<td></td>
<td>• IANCON 2016 at Kolkata</td>
</tr>
<tr>
<td>Prof. TejenDr.a Nath Kundu</td>
<td>• World Stroke Congress 2016 at Hyderabad</td>
</tr>
<tr>
<td></td>
<td>• IANCON 2016 at Kolkata</td>
</tr>
<tr>
<td>Dr. Atanu Biswas</td>
<td>• MDSICON 2016 at Chennai</td>
</tr>
<tr>
<td></td>
<td>• Delivered a lecture on 'Demyelinating disorders: Updates in diagnosis and treatment of MS/NMO’ at the 5th IAN postgraduate summer school 2016</td>
</tr>
<tr>
<td></td>
<td>• IANCON 2016 at Kolkata</td>
</tr>
<tr>
<td>Dr. Biman Kanti Roy</td>
<td>• World Stroke Congress 2016 at Hyderabad</td>
</tr>
<tr>
<td></td>
<td>• IANCON 2016 at Kolkata</td>
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<td>Dr. Alak Pandit</td>
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<td>• World Stroke Congress 2016 at Hyderabad</td>
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<td>Dr. Debsankar Guin</td>
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FACULTY AND STAFF

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

Medical technologist
1) Permanent - 6
2) On detailment - 1

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

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

ACADEMIC ACTIVITY

Thesis work completed

Session 2014–17, MD (Radiodiagnosis)
1. Dr. Mohua Ghosh – Evaluation of sinunasal mass by CT scan & its clinicopathological correlation.
   Guide – Dr. S.B. Samanta.

   Guide – Dr. S.B. Samanta.

3. Dr. Manish Kumar – Detection and characterization of intracranial aneurysm: 3T MR angiography vs DSA with 3D reconstruction.
   Guide – Dr. T. Dhibar; Co-Guide – Dr. B. Bhattacharyya.

Session 2014–17, MD (Anatomy)
4. Dr. Raag Reeti – Anatomical variations of nasal cavity and paranasal sinuses in adult Eastern Indian Population presenting to the hospital with sinonasal complaints – A CT scan study.
   Co-Guide – Dr. S.B. Samanta.

Session 2014–17, MCh (Neurosurgery)
5. Dr. Aditya Mantry – An observational study in neurosurgical patients in neurological intensive care unit with raised intracranial pressure with special reference to optic nerve sheath diameter.
   Co-Guide – Dr. S.B. Samanta.
Thesis work in progress

Session 2015 – 18, MD (Radiodiagnosis)
1. Dr. Monalisa Hazra - Role of MRI in post traumatic internal derangement of knee joint with arthroscopic correlation.
   Guide – Dr. S.B. Samanta.

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

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

Session 2015 – 18, MCh (Neurosurgery)
4. Dr. Krishnendu Sardar – Clinicoradiological study of single level lumbar disc disease.
   Co-Guide – Dr. S.B. Samanta.

Session 2015 – 18, MD (Medicine)
5. Dr. Rajarshi Datta – Prediction of acute ischemic stroke outcome in geriatric population in relation to Alberta Stroke program early CT score (ASPECTS).
   Co-Guide – Dr. S.B. Samanta.

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

SERVICE INFORMATION
- CT Scan in a new 16 slice scanner are done on all working days for indoor & outdoor patients as well as patients referred from other government institutions.
  (N.B. Old 4 slice CT scanner worked till 10.01.2015 and has been replaced by new 16 slice scanner since 09.11.2015)
- USG including Color Doppler Study and Radiography including portable X-ray of patients of BIN.
- DSA in a biplanar system is done for indoor patients of BIN & SSKM Hospital.
- CT & USG guided FNAC / Drainage procedures are also done regularly.

Performance during last one year (01.11.2015 to 31.10.2016)
- CT Scan 8844 cases.
- USG & Color Doppler 1565 cases.
- X-ray ( portable exposures ) 127 cases.
- DSA 118 cases.
Bangur Institute of Neurosciences - Neurosurgery

Faculty and Medical Officers

Dr. Samarendra Nath Ghosh MBBS, Dip BMS, D Ortho, MS, DNB, Mch Professor & HOD
Dr. Anup Kumar Chowdhury MBBS, MS, Mch Professor
Dr. Subhasish Ghosh MBBS, MS, Mch Professor
Dr. Amar Chandra Dhal MBBS, MS, Mch Associate Professor
Dr. Dibyendu Kumar Roy MBBS, MS, Mch Assistant Professor
Dr. Tapan Kumar Patra MBBS, MS, Mch Assistant Professor
Dr. Shahid Iftekhar Siddique MBBS, MS, Mch Assistant Professor
Dr. Srikrishna Majhi MBBS, MS, Mch Assistant Professor
Dr. Gitanjali Dutta MBBS, MS, Mch Assistant Professor
Dr. Moloy Kumar Das MBBS Medical Officer
Dr. Anjana Mukherjee MBBS Medical Officer
Dr. Shikha Roy MBBS Medical Officer

FACULTY NEWS

Prof Samarendra Nath Ghosh

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

Publications
• Kumar B, Bannerjee C, Ghosh SN; Pneumocephalus Following dorsal laminectomy - An Unusual Complication; AJNS (174)16
• Ghosh K, Ghosh, SN, Chatterjee U, Chaudhuri S., Ghosh A; Microglial Contribution To Glioma Progression: An Immunohistochemical Study from Eastern India; Asian Pac J Cancer Prev, 2016, 17(6), 2767-2773.

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

Dr. Tapan Kumar Patra
• Attended NSSI 2016 as Delegate atSher I Kashmir Institute of Medical Sciences, Srinagar, J&amp;K, on 31/03/2016 to 02/04/2016.
• Attended Spine 2016, annual conference of NSSA India from 16 to 18 September 2016 as Invited Speaker/Panelist/Chairperson.

Dr. Amar Chandra Dhal
• Attended NSSI 2016 as Delegate atSher I Kashmir Institute of Medical Sciences, Srinagar, J&amp;K, on 31/03/2016 to 02/04/2016.

Dr. Shahid Iftekhar Sadique
• Attended NSSI 2016 as Delegate atSher I Kashmir Institute of Medical Sciences, Srinagar, J&amp;K, on 31/03/2016 to 02/04/2016.

Dr. Srikrishna Majhi
• Attended NSSI 2016 as Delegate atSher I Kashmir Institute of Medical Sciences, Srinagar, J&amp;K, on 31/03/2016 to 02/04/2016.

Dr. Gitanjali Dutta
• Attended NSSI 2016 as Delegate atSher I Kashmir Institute of Medical Sciences, Srinagar, J&amp;K, on 31/03/2016 to 02/04/2016.

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

POSTDOCTORAL TRAINESS (MCH RESIDENTS)

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<td>Dr. Pallav Agarwal</td>
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<td>Dr. Abhishek Singh</td>
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<td>Dr. Rajyalaxmi Edupuganti</td>
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<td>Dr. Shubhamitra Chaudhuri</td>
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<td>Dr. Aditya Mantry</td>
<td>Dr. Ajay Kumar</td>
<td>Dr. Rahul Ahluwalia</td>
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<td>Dr. Maruti Pujari</td>
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<td>Dr. Anoop Varma</td>
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ACADEMIC ACTIVITIES
• Journal Club (Mondays 8:30am to 9:30am)
• Combined Clinical Meeting (Wednesdays 8:30am to 10:30am)
• Neuroradiology Seminar (Thursdays 8:30am to 9:30am)
• Clinical Meeting (Saturdays 8:30am to 10:30am)
• Seminars with 3 Presenters, one PDT of each year (3rd and 4th Saturdays 2 pm onwards)
• Monthly Audit and Mortality Statistical Review (1st Saturday 2pm onwards)

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

3rd Year PDT Thesis Topics
• Dr Pallav Agrawal – Biochemical and psychological factors influencing outcomes in patients with subarachnoid hemorrhage, a prospective study.
• Dr Abhishek Singh – CSF flow velocity at foramen magnum level in adult Chiari 1 Malformation Patients.
• Dr Ritesh Nawkhare – Prospective study of traumatic basal ganglial hemorrhage in pediatric population.
• Dr Shubhamitra Chaudhuri - An observational study of pre and post shunt pituitary function in paediatric patients with hydrocephalus.
• Dr Aditya Mantry – Optic nerve sheath diameter monitoring for assessment of outcome in adults with increased intracranial pressure admitted in neurosurgical intensive care units.
• Dr Maruti Pujeri – Lateral mass fixation in subaxial cervical spondylosis.

2nd Year PDT Thesis Topics
• Dr. Abhishek Singh – A prospective study of clinical outcome of CSF rhinorrhea in a tertiary care centre in Eastern India.
• Dr. Lokesh Mahajan – Intraoperative monitoring of motor evoked potentials in spinal cord tumor surgery.
• Dr. Sorabh Gupta – Intraoperative Neuromonitoring In Posterior Fossa Lesions.
• Dr. Shafi Ahmed Rizvi – Neuronavigation For Supratentorial Brain Tumours.
• Dr Ajay Kumar – A clinical study of different junctional injuries of spine with special emphasis on dorsolumbar junction – an institutional study.
• Dr. Krishnendu Sardar – Clinicoradiological study of single level lumbar disc disease
• Dr. Shreevijay Phadke – Craniosynostosis: an institutional study.
• Dr. Anoop Varma – The evaluation of cranioplasty in posttraumatic craniectomy defect - a prospective study.

Conferences attended and papers published/presented by PDTs

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

Publications

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

Dr. Maruti Pujari
• Dr Aditya Mantry
• Attended Spine 2016, annual conference of NSSA India from 16 to 18 September 2016 as delegate
• Attended ASIAN AUSTRALASIAN SOCIETY OF PEDIATRIC NEUROSURGEONS CONFERENCE Workshop in Kolkata 7-9 January 2016 as delegate

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

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

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

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<td>Total operations in BIN (Elective)</td>
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<td>Total no of diagnostic DSA</td>
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<td>Total no of Angio-intervention (Coiling / Embolization)</td>
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<td>Total Mortality in BIN</td>
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<td>Total Admissions in NCB/Alex/CCU , SSKM Hospital (Emergency)</td>
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<td>Total Operations in NEROT SSKM Hospital (Emergency)</td>
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<td>Total Operations in Main OT SSKMH</td>
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<tr>
<td>Total No Of Patients Transferred To CCU/ITU/PICU SSKM Hospital</td>
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<td>Total Mortality in NCB/Alex/CCU (Emergency)</td>
<td>794</td>
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<td>Total operations performed by neurosurgery dept (BIN EMERGENCY &amp; BIN MAIN OT &amp; DSA)</td>
<td>2581</td>
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</tbody>
</table>

| Total Admissions in NCB/Alex/CCU , SSKM Hospital (Emergency) | 4289   |
| Total Operations in NEROT SSKM Hospital (Emergency) | 1235   |
| Total Operations in Main OT SSKMH | 152    |
| Total No Of Patients Transferred To CCU/ITU/PICU SSKM Hospital | 109    |
| Total Mortality in NCB/Alex/CCU (Emergency) | 794    |
| Total operations performed by neurosurgery dept (BIN EMERGENCY & BIN MAIN OT & DSA) | 2581   |
Bangur Institute of Neurosciences – Biochemistry

Faculty
Dr. Gargi Sen  Assistant Professor & Head

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

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Bangur Institute of Neurosciences - Pathology

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

**Number of tests done during the period Jan, 2016 - Oct, 2016**

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Biochemistry

FACULTY AND STUDENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
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<tbody>
<tr>
<td>Dr. Mousumi Mukhopadhyay</td>
<td>MD</td>
<td>Professor &amp; Head</td>
</tr>
<tr>
<td>Dr. Utpal Kumar Biswas</td>
<td>DCP, MD</td>
<td>Professor</td>
</tr>
<tr>
<td>Dr. Debasish Mandal</td>
<td>MD</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. Debamita Bandyopadhyay</td>
<td>MD</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Sharmistha Choudhuri</td>
<td>MD</td>
<td>Demonstrator</td>
</tr>
<tr>
<td>Dr. Amrita Karmakar</td>
<td>MD</td>
<td>Demonstrator</td>
</tr>
<tr>
<td>Dr. Arghya Ray Chaudhuri</td>
<td>MD</td>
<td>Demonstrator</td>
</tr>
<tr>
<td>Dr. Prasenjit Pal</td>
<td>MD</td>
<td>Senior Resident</td>
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Postgraduate trainees

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<tr>
<th>Session 2014-17</th>
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<tr>
<td>Dr. Suparba Chakrabarti</td>
<td>Dr Debasish Mandal</td>
<td>Dr. Sayani Chaudhury</td>
</tr>
<tr>
<td>Dr. Ananya Kundu</td>
<td>Dr Ananya Saha</td>
<td>Dr. Tiasha Sinha</td>
</tr>
<tr>
<td>Dr. Chandramallika Paul</td>
<td>Dr Nilaaj Das</td>
<td>Dr. Ayesha Hassan</td>
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<tr>
<td>Dr. Sabyasachi Sarkar</td>
<td>Dr Swati Paul</td>
<td>Dr. Anannya Ghosh</td>
</tr>
<tr>
<td>Dr. Indrajyotl Sarkar</td>
<td>Dr Sunita Biswas</td>
<td>Dr. Parna Chakraborty</td>
</tr>
<tr>
<td>Dr. Anindya Prakash Ghosh</td>
<td>Dr Ananya Roy</td>
<td>Dr. Sudarshan Chakraborty</td>
</tr>
<tr>
<td>Dr. Bablu Saren</td>
<td>Dr Sk Sariful Islam</td>
<td>Dr. Ajay Biswas</td>
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</table>

PhD research scholars

- Mr. Jit Poddar
- Mrs. Upasana Ganguly

REGULAR ACADEMIC ACTIVITIES

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

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

CME Programme on Innate Immunity attended by faculty and PGTs.

Publications of faculty members and students in last three years

2. Sinharay M and Mukhopadhyay M. A case of Hurler Scheie Syndrome, attenuated form of mucopolysaccharaidosis Type I. Int J Curr Res Rev. (2013); 05 (14); 49-5


10. Karmakar A, Jana CK and Das HN. Serum adenosine deaminase activity among newly diagnosed patients with type 2 diabetes mellitus and its correlation with insulin resistance. APJ R (2014);1(XV);1-6.


13. Chatterjee S and Mukhopadhyay M. Assessment of the relationship of the circulating nitrate-nitrite ratio with the female sex steroids in different phases of the menstrual cycle. (2015);13(2),.


15. Pinaki Saha, SayantanDasgupta, Santanu Sen, Arun Kumar, Utpal Kumar Biswas. Patients with type 2 diabetes have reduced levels of plasma vitamin D3 and are well correlated with the oxidative stress parameters. Asian Journal of Medical Sciences 2016; Vol 7: Issue 3, P: 11-15.


19. Mousumi Das, Utpal Kumar Biswas and Arun Kumar. 24 Hours Urinary Hydroxyproline - A noninvasive, cost-effective and early biochemical marker which may be used to screen the osteoporotic lesion in postmenopausal women. Asian Journal of Medical Sciences 2015; Vol 6: Issue 4, p 21-24.

Conference or Workshop attended:
- AMBICON (National and West Bengal chapter) 2016 attended by faculties and PGTs
- ACCLMPCON 2016 attended by faculties and PGTs
- Regional workshop on “Capacity Building of Faculty/ Researcher in various Medical Colleges/Research Institutes” from 19th -21st September 2016 in National Institute of Cancer Prevention and Research, Noida attended by Dr. Sharmistha Choudhuri.

SERVICE INFORMATION

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

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

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<th>Tests</th>
<th>No. of Patients</th>
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<td>1104</td>
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<td>2. Albumin</td>
<td>20498</td>
<td>25. Uric Acid</td>
<td>6048</td>
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<td>3. Amylase</td>
<td>3504</td>
<td>26. LH</td>
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<tr>
<td>4. BUN( Blood Urea Nitrogen)</td>
<td>109200</td>
<td>27.CA125</td>
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<td>5. Bilirubin</td>
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<td>6. Creatinine</td>
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<td>7. Calcium</td>
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<td>8. Cholesterol</td>
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<td>31.PSA</td>
<td>660</td>
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<tr>
<td>9. Direct HDL</td>
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<td>32 Protein Electrophoresis</td>
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<td>10. Direct LDL</td>
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<td>12. FT4</td>
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<td>13. FSH</td>
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<td>36 Transferrin saturation</td>
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<td>19. S.G.O.T</td>
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<td>22. TSH</td>
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<td>23. Microalbumin</td>
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<td>46 Vitamin B12</td>
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Community Medicine

FACULTY

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

Prof. Raghunath Misra

Academic activity
- Convener of MBBS 3rd Professional Part I Examination 2016 in Community Medicine at IPGME&R, Kolkata
- External Examiner of MD in Community Medicine Examination 2016 at Assam Medical College, Dibrugarh, Assam
- Adjudicator of three dissertations, submitted in connection with MD in Community Examination of the West Bengal University of Health Sciences
- Adjudicator of dissertations, submitted in connection with MD in Community Examination of Srimanta Sankaradeva University of Health Sciences, Assam.
- Centre-in-charge MBBS 2nd Professional Examination 2016 of the West Bengal University of Health Sciences.
- Paper-setter for MBBS 3rd Professional Part I examination 2016 in Community Medicine of the West Bengal University of Health Sciences
- Paper-setter for MD in Community Medicine examination 2016 in the West Bengal University of Health Sciences
- Paper-setter for MBBS 3rd Professional Part I examination 2016 in Community Medicine of the Srimanta Sankaradeva University of Health Sciences, Assam.
- Paper-setter for MPH (Institute of Public Health) Examination 2016 in the West Bengal University of Health Sciences
- Expert member of interview board for the post of assistant professor and associate professor at ESIC Medical College, Joka, Kolkata.
- Validation of Research Tools: Research Tools of 10 M Sc (Nursing) students of the West Bengal University Of Health Sciences during the year.
- Statistical analysis of dissertation/thesis work of the post Graduate and post doctoral students of different departments of IPGME&R, Kolkata.
- Member of Maternal Death Review Committee of IPGME&R
- Member Arsenic pollution control committee of Government of West Bengal

Research activity
- Co-Principal Investigator of National Mental Health Survey in West Bengal
- Principal investigator of Health Hazards of Arsenic pollution in Gaighata block of the district North 24 Parganas.
- Investigator of the UNICEF sponsored project “Urban Health”
- Organized ten short term projects by involving undergraduate students during the year 2016.
Professional/Academic Bodies membership

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

Training activity

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

Meetings, Conferences, CMEs, Workshops and Seminars Attended:

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

Publications


Dr. Sita Chatterjee

Academic activity

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

Meetings, Conferences, CMEs, Workshops and Seminars attended

- Organized and attended JE vaccination training on 04.01.2016; & 07.01.2016 at IPGME&R.
- Attended many CMEs on diabetes throughout the year.
- Attended Cardio-Diabetology Summit 2016 on 18.02.2016 at R. G.Kar Medical College organized by Association of Physicians Of India(API), West Bengal Branch.
- Attended Joint annual Conference of Endocrine Society of Bengal and RSSDI, West Bengal Chapter on 12.03.2016;13.03.2016.
- Attended and Organized IAPSM Quiz of World Health Day 2016 on 07.04.2016 at IPGME&R organized by IAPSMWB Chapter.
- Attended World Health Day 2016 on 07.04.2016 organized by Endocrine Department at IPGME&R.
• Attended Geriatric clinical meeting on 09.04.2016 at Calcutta Medical College Hospital organized Geriatric Association of India(West Bengal) Chapter.
• Attended CME on All India General Practitioners Association on 28/05/16 at NRS medical college
• Attended Insulin Discovery Day on 30.07.2016 at Rabindra Sadan organized by DAIWB.
• Attended National Nutrition Week Symposium on 02.09.2016 at NRSMC organized by Diabetic Association of India.
• Attended Eye Donation Fortnight on 05.09.2016 at IPGME&R.
• Attended and organized Undergraduate quiz on 09.09.2016 at IPGME&R organized by IAPSMWB Chapter.
• Attended Regional Conference On Occupational Health 2016 on 26.11.2016 at Regional Occupational Health Centre (ROHC) (Eastern) organized by IPHA & ROHC, ICMR.
• Attended Symposium for Development of Research on 03.12.2016 at IPGME&R organized by West Bengal University of Health Sciences.
• Attended MDR Meeting 15 April & 26th July '16 at G & O Dept, IPGME&R.
• Attended RKS meeting on 26th October'16 at IPGME&R.
• Attended National Seminar on alternative approach to elevate Poverty on 8th Dec.'16 at Rotary Sadan organized by Kalitala Mahila Samiti.
• Attended Pharmacovigilance Programme of India for assuring Drug Safety on 9th December at IPGME&R.
• Attended seminar on Vertigo & Dizziness on 19.02.2016 at IPGME&R
• Attended CME on Liver &GI disorder on 26.02.2016 & 28.05.2016
• Attended seminar on Global Strategy for Management, Treatment & Prevention of COPD on 13.07.2016 at IPGME&R.
• Attended seminar on Role of “Nano Therapy” at IPGME&R on 09.05.2016.
• Attended seminar on Vit D Deficiency at IPGME&R on 13.06.2016.
• Attended seminar on Chronic Neuropathic Pain at IPGME&R on 17.06.2016.
• Attended Sensitisation Programme on Organ Transplantation at LT-5,IPGME&R on 20.06.2016
• Attended seminar on topical antibiotic on 16.07.2016 at IPGME&R
• Attended seminar on hepatitis at IPGME&R on 17.10.2016
• Attended RNTCP Sensitisation Programme on 28.10.2016 at IPGME&R organised by Dept of Com Med & Chest Med with collaboration of WHO

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

Clinical activity
• Regularly attended OPD throughout the year almost on every tuesday.
• Attended JE vaccination programme from December2015 to January 2016.

Training activity
• Trained on JE vaccination

Publications
• Das S, Basu M, Mandal A, Roy N,Chatterjee S, Dasgupta A. Prevalence and Determinants of Delay in Diagnosis of Pulmonary Tuberculosis in Darjeeling District of West Bengal. Accepted for publication.jfmpc_238-16.

Dr. Mausumi Basu
Academic activity
- Regularly took MBBS classes, BPT classes, Internal Examinations, Family Health Surveys and Undergraduate Projects
- Speaker on Obesity on 21.02.2016 at Narayana Superspeciality Hospital organized by Sportsmedcon2016.
- Worked as Observer for Joint Entrance Examination on 17.05.2016 at B.P. Poddar Engineering College.
- Worked as Observer for Joint Entrance Examination (Medical) on 20.07.2016 at B.P. Poddar Engineering College.
- Shortlisted for the Phase 2 of BMJ Awards South Asia 2016 under Category “Infectious Diseases Initiative of the Year”.
- Co-ordinator of 61st Foundation Day of Indian PHA CME on 28.09.2016 at R.G.Kar Medical College Auditorium.
- Worked in Urban Health Survey on 16.11.2016 at Maheshtala organized by UNICEF.
- Conducted Health Check Up on 18.11.2016 at Gokhale Memorial Girls College.
- Resource person for ICD-10 meeting with District Level Authority on 22.11.2016 at Swasthya Bhavan.
- Delivered occasional lectures on “Orientation Training Course” (OTC) for Anganwadi Workers organized by “The Community Food & Nutrition Extension Unit” (CFNEU) Kolkata, Food & Nutrition Board, Under the Ministry of Women & Child Development, Govt. of India.
- Delivered occasional lectures of TOT for CDPOs organized by CFNEU, Kolkata, Food & Nutrition Board, Min. of Women & Child Development, GOID.
- Community Medicine External Examiner of 3rd MBBS(Part-1) Professional University Examination, 2016 on 14th and 15th Dec, 2016 at NEIGRIHMS, Shillong

Meetings, conferences, CMEs, workshops and seminars attended
- Organized and attended JE vaccination training on 04.01.2016; & 07.01.2016 at IPGME&R.
- Attended many CMEs on diabetes throughout the year.
- Attended Cardio-Diabetology Summit 2016 on 18.02.2016 at R. G. Kar Medical College organized by Association of Physicians Of India(API), West Bengal Branch.
- Attended Sportsmedcon 2016 on 21.02.2016 at Narayana Superspeciality Hospital organized by WBASM.
- Attended TOT of District workshop for IPV Introduction on 02.03.2016 at Institute of Urban Management Kolkata Municipal Corporation(KMC).
- Attended India Diabetes & endocrine Conference: A joint USW & India Initiative on 05.03.2016 & 06.03.2016.
- Attended 5th Convocation of West Bengal University of Health Sciences on 10.03.2016 at Nazrul Mancha.
- Attended Joint annual Conference of Endocrine Society of Bengal and RSSDI, West Bengal Chapter on 12.03.2016;13.03.2016.
- Attended and Organized IAPSM Quiz of World Health Day 2016 on 07.04.2016 at IPGME&R organized by IAPSMWB Chapter.
- Attended World Health Day 2016 on 07.04.2016 organized by Endocrine Department at IPGME&R.
- Attended Geriatric clinical meeting on 09.04.2016 at Calcutta Medical College Hospital organized Geriatric Association of India(West Bengal) Chapter.
- Attended CME on All India General Practitioners Association (AIGPA) on 28.05.2016; 23.07.2016; 27.08.2016 at NRS Medical college.
- Attended Insulin Discovery Day on 30.07.2016 at Rabindra Sadan organized by DAiWB.
- Attended Autumn CME on 26.08.2016 organized by Apollo and IMA.
- Attended National Nutrition Week Symposium on 02.09.2016 at NRSMC organized by Diabetic Association of India.
- Attended Eye Donation Fortnight on 05.09.2016 at IPGME&R.
- Attended and organized Undergraduate quiz on 09.09.2016 at IPGME&R organized by IAPSMWB Chapter.
- Attended Training on Urban Health on 12.11.2016 at R. G. Kar Medical College.
- Attended Regional Conference On Occupational Health 2016 on 26.11.2016 at Regional Occupational Health Centre (ROHC) (Eastern) organized by IPHA & ROHC, ICMR.
- Attended Symposium for Development of Research on 03.12.2016 at IPGME&R organized by West Bengal University of Health Sciences.

**Membership**
- Joint Secretary of 44th Annual National Conference of Indian Association of Preventive and Social Medicine (IAPSM).
- Joint Secretary of IAPSM.
- Joint Secretary of West Bengal Association of Sports Medicine.
- Member of Internal Complaints Committee of IPGME&R.
- Member of Gender Harassment Committee of IPGME&R.

**Clinical Activity:**
- Regularly attended OPD throughout the year almost on every Saturday.
- Training activity:
  - Trained on Orientation Training on Internal Complaints Committee (ICC) for The Sexual Harassment of Women at Workplace (SHWP) (Prevention, Prohibition and Redressal) Act 2013 on 19.10.2016 at IPGME&R organized by SANHITA.

**Publications**
- Basu M. Prevalence and Determinants of Cigarette Smoking among undergraduate Medical Students in Kolkata. Medical Glory 2016;2(1)13-19.
- Basu M, Ray S, Mazumdar M, Gupta AK, Sengupta P, Chatterjee S.
- Das S, Basu M, Mandal A, Roy N, Chatterjee S, Dasgupta A. Prevalence and Determinants of Delay in Diagnosis of Pulmonary Tuberculosis in Darjeeling District of West Bengal. Accepted for publication.jfmpc_238-16.

**Dr. Tushar Kanti Mondal**

**Meetings, Conferences, CMEs, Workshops and Seminars attended**
- Attended Sportsmedcon 2016 on 21.02.2016 at Narayana Superspeciality Hospital organized by WBASM.
- Attended Annual State Conference of IAPSM WB Chapter at N.R.S.Medical College Kolkata
- Attended APIICON 2015 organised by Association of Physicians of India North Bengal Chapter from 6th-7th June, 2015 at Siliguri
- Attended World Health day 7th April topic-Diabetes Quiz at IPGIMER, kolkata organised by IAPSM WB Chapter
- Attended and Organized IAPSM Quiz of World Health Day 2016 on 07.04.2016 at IPGME&R organized by IAPSMWB Chapter.
- Attended IPHA Annual State Conference at NRS Medical College on 11.4.15
- Attended CME on Zeka virus at IPGMER organised by IPGMER, Kolkata
- Attended National Annual APIICON 2016 organised by Association of Physicians of India January 2016 at Hyderabad
- Attended JIMACON organised by Journal of Indian Medical Association on, 2016 at N.R.S Medical College
- Attended the Annual Geriatric Conference (WB Chapter) organised by Indian Academy of Geriatrics at IPGMER on September 2016
- Attended Non-Communicable diseases (Hypertension-Oct and Diabetes-Nov) National Annual conference 2016 at Hyderabad
- Attended CME of Obesity at IPGMER, Nov-16
- Attended Annual state Conference organised by API on Sptember-October, 2015 at Hyatt Hotel, Kolkata
- Attended World Diabetic Day Program held on 14th November-16, at Rotary Sadon, and also walk/"Padajatra" for diabetes organised by Diabetic Association of India, West Bengal Branch
- Attended CME on Insulin Discovery Day, organised by IDA on 30th July, 2016
- Attended Eastern Zonal Annual Conference 26 Nov. 2016 of Occupational Disease organised by Eastern Occupational disease Centre Kolkata GOI, ICMR, and IPHA Head Quarter,
- Attended 61 Foundation Day 2016 of IPHA organised by IPHA head quarter, Kolkata. At R.G Medical College.
- Organized and attended JE vaccination training on 04.01.2016; & 07.01.2016 at IPGME&R.
- Attended Cardio-Diabetology Summit 2016 on 18.02.2016 at R. G.Kar Medical College organized by Association of Physicians Of India(API), West Bengal Branch.
- Attended India Diabetes & endocrine Conference: A joint USW & India Initiative on 05.03.2016 & 06.03.2016.
- Attended Joint annual Conference of Endocrine Society of Bengal and RSSDI, West Bengal Chapter on 12.-13.03.2016.
- Attended Geriatric clinical meeting on 09.04.2016 at Calcutta Medical College Hospital organized Geriatric Association of India(West Bengal) Chapter.
- Attended Eye Donation Fortnight on 05.09.2016 at IPGME&R.
- Attended and organized Undergraduate quiz on 09.09.2016 at IPGME&R organized by IAPSMWB Chapter.
- Attended Symposium for Development of Research on 03.12.2016 at IPGME&R organized by West Bengal University of Health Sciences.
- Attended CME on Infective Hepatis on 17.10.2016 at IPGME&R organized by Community Medicine Dept of IPGME&R speaker by Prof. U. C. Ghosal
- Attended RNTCP Sensitization programme of Internee on 27.10.2016 at IPGME&R organized by Community Medicine Dept, Chest Medicine of IPGME&R and sponsored by WHO
- Attended Pharmacovigilance Programme of India for Assuring Drug Safety(PVPI) held at IPGME&R on 9.1.1.6, organised by MHW, GOI
- Organised seminar on Japanese Encephalitis on 20.08.2014 at IPGME&R organized by Community Medicine Department
- Attended Seminar on An Alternative Approach To Alleviate Poverty.8.12..2016 at Rotary Sadan, Kolkata West Bengal University of Health Sciences.

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

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

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

Publications
• Care of animal bite victim in Community and in health care facility in a rural area of West Bengal. Tushar Kanti Mondal, Prasanta Ray Karmakar. Journal: IOSR Journal of Dental and Medical Sciences (IOSR-JDMS), Volume, 15, Issue1, Ver. iv, (Jan-2016); p- 01-04.

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

Dr. Sinjita Dutta

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

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

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

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

Publication

Dr. Debasish Sinha

Academic activity
• Regularly took MBBS classes, Internal Examinations, Family Health Surveys and Undergraduate Projects.
• Scrutinizer of 3rd Professional Part 1Community Medicine from 11.01.2016 to 14.01.2016 at IPGME&R, Kolkata under WBUHS.
• Act as Co-Investigator of ‘National Mental Health Survey, 2015-16’ in West Bengal under leadership of NIMHANS.
• Worked as Resource Person on Medical Certification of Cause of Death (MCCD)& ICD-10 Workshop on 29.01.2016; & 09.05.2016 at Swasthya Bhavan.
• Speaker on Nutrition in sports on 21.02.2016 at Narayana Superspeciality Hospital organized by Sportsmedcon2016.
• Attended 61st Foundation Day of Indian PHA CME on 28.09.2016 at R.G.Kar Medical College Auditorium.
• Worked in Urban Health Survey on 16.11.2016 at Maheshtala organized by UNICEF.
• Meetings, conferences, CMEs, workshops and seminars attended:
  • Organized and attended J E vaccination training on 04.01.2016; & 07.01.2016 at IPGME&R.
  • Organized and attended awareness programme on ‘recent development of Tuberculosis management’ among internees at IPGME&R, KOLKATA.
  • Attended Cardio-Diabetology Summit 2016 on 18.02.2016 at R. G.Kar Medical College organized by Association of Physicians Of India(API), West Bengal Branch.
  • Attended Sportsmedcon 2016 on 21.02.2016 at Narayana Superspeciality Hospital organized by WBASM.
  • Attended 5th Convocation of West Bengal University of Health Sciences on 10.03.2016 at Nazrul Mancha.
  • Attended Joint annual Conference of Endocrine Society of Bengal and RSSDI, West Bengal Chapter on 12.03.2016;13.03.2016.
  • Attended and Organized IAPSM Quiz of World Health Day 2016 on 07.04.2016 at IPGME&R organized by IAPSMWB Chapter.
  • Attended World Health Day 2016 on 07.04.2016 organized by Endocrine Department at IPGME&R.
  • Attended Geriatric clinical meeting on 09.04.2016 at Calcutta Medical College Hospital organized Geriatric Association of India(West Bengal) Chapter.
  • Attended CME on All India General Practitioners Association (AIGPA) on 28.05.2016; 23.07.2016; 27.08.2016 at NRS Medical college.
  • Attended Insulin Discovery Day on 30.07.2016 at Rabindra Sadan organized by DAIWB.
  • Attended and organized Undergraduate quiz on 09.09.2016 at IPGME&R organized by IAPSMWB Chapter.
  • Attended Training on Urban Health on 12.11.2016 at R. G. Kar Medical College.
  • Attended Symposium for Development of Research on 03.12.2016 at IPGME&R organized by West Bengal University of Health Sciences.

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

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

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

Publications
• Barua Jayanta Kumar, Basu Mausumi, Bhattacharya Susmita , Mukherjee Kheya , Sinha Debasis : Epidemiological Profile of HIV Patients in a Tertiary Care Hospital of Kolkata; J Pharm Biomed Sci | Vol. 05 No. 11 | 890-896 : Dec’15.
• Mukherjee A, Sinha A, Taraphdar P, Sinha D “Effectiveness of an educational intervention on personal hygiene among school children in slum area of Kolkata”: IOSR-JDMS; vol 13, issue 12 Ver III (Dec ‘15) ; page 13 - 17.
• Basu M, Sinha D, Ahmed A, Misra R : “State of Depression, Anxiety & Stress among Nursing student in a tertiary care hospital at Kolkata” paper accepted for publication.

Dr. Murari Mohan Mondal

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

Meetings, conferences, CMEs, workshops and seminars attended
• Organized and attended JE vaccination training on 04.01.2016; & 07.01.2016 at IPGME&R.
• Organized and attended awareness programme on ‘recent development of Tuberculosis management’ among internees at IPGME&R, KOLAKTA.
• Attended Joint annual Conference of Endocrine Society of Bengal and RSSDI, West Bengal Chapter on 12.03.2016;13.03.2016.
• Attended and Organized IAPSM Quiz of World Health Day 2016 on 07.04.2016 at IPGME&R organized by IAPSMWB Chapter.
• Attended World Health Day 2016 on 07.04.2016 organized by Endocrine Department at IPGME&R.
• Attended Insulin Discovery Day on 30.07.2016 at Rabindra Sadan organized by DAIWB.
• Attended Eye Donation Fortnight on 05.09.2016 at IPGME&R Organized by IAPSMWB Chapter.
• Attended and organized Undergraduate quiz on 09.09.2016 at IPGME&R organized by IAPSMWB Chapter.
• Attended Training on Urban Health on 12.11.2016 at R. G. Kar Medical College.

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

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

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

Publication

Dr. Sarbajit Ray

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

Conferences, CMEs, Workshops and Seminars Attended
• Organised Inter College Quiz Competition organised by IAPSM WB Chapter at IPGMER on 7th September, 2015
• Attended a one day workshop on Anti-Doping Awareness on 04.03.2015 at Sports Science Centre of SAI, NSEC, Salt Lake City, Kolkata organized by Sports Authority of India, Eastern Centre, Kolkata and National Anti-Doping Agency (NADA) for Education and Awareness on Anti-Doping in Sports (PEADS).
• Attended Masterclass on Dizziness and Vertigo on 27.05.2015 at Hotel The Park organized by BMJ Masterclasses.
• Organized and attended World Population Day 2015 on 11.07.2015 at IPGME&R organized by IPHA,HQ.
• Attended World Stroke Day on 29.10.2015 at IPGME&R organized by Neurology Department.

Dr. Sribas Roy

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

Dr. Afifa Ahamed

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

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

Membership
• Member of Internal Complaints(Grievance Cell) Committee of IPGME&R.
Clinical activity
- Regularly attended OPD throughout the year.
- Attended JE vaccination programme from December 2015 to January 2016.
- Conducted Health Check Up on 18.11.2016 at Gokhale Memorial Girls College.

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

Dr. Abhishek De

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

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

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

Publications

DEPARTMENTAL ACTIVITIES

Academic activities
- Teaching of MBBS Students, Bachelor of Physiotherapy Students, MSc. Nursing Students.
- Teaching and training of final year MD (Community Medicine) students of All India Institute of Hygiene and Public Health.
- Training of the internees of IPGME&R

Research activities done by undergraduate students under the guidance of faculty members:
- A study on awareness and practices on foot care among the patients attending diabetic clinic IPGME&R Kolkata
- A study on depressions among students of nursing school of IPGMER Kolkata
- Standards for TB care in India (STCI) guide line ; A study on Knowledge attitude and practice among junior doctors in tertiary care medical college hospital of Kolkata
- A study on profile of road traffic accidents victims attending a tertiary care hospital of Kolkata
A study on profile of burn patients admitted in burn units of IPGMER, SNP Hospital and M R Bangur Hospital
A study on antibiotics uses pattern among undergraduate medical students of IPGMER Kolkata
A study on knowledge and practice of healthcare of pregnant mother attending at ante natal clinics of IPGMER Kolkata
A study on profile of nosocomial; infections in neonates admitted to SSKM Hospital Kolkata
A study on socio-clinical profile of the patients attending at emergency rooms of IPGMER

Nodal centre of ‘Integrated Disease Surveillance Project’ of SSKM Hospital, Kolkata. The department also conducts orientation Training Programmes for doctors, paramedical staff and nurses.
Family Health Care Study done by the 6th Semester students in the urban field practice area.
Regular CME programme Journal club, and Seminars held in the Department involving the faculty members and PGTs.
Thesis protocol correction, thesis evaluation, thesis data analysis of post graduate students of IPGME&R and All India Institute of Hygiene and Public Health.
Facility Based Maternal Death Review and periodic mentoring of quality of RCH services at different health care delivery levels e.g rural hospitals, PHC, sub center etc are also conducted by the faculty members of the department in collaboration with other departments.
National Mental Health Survey, 2015-16’ in West Bengal under leadership of NIMHANS is being conducted by faculties of the department.
One day survey on Arsenic Prevalence at Gaighata block of North 24 Parganas was organised by the department.
Survey on Urban Health with collaboration of UNICEF was done at Maheshtala Municipality Nodal centre of ‘Integrated Disease Surveillance Project’ of SSKM Hospital, Kolkata. The department also conducts orientation Training Programmes for doctors, paramedical staff and nurses.

OPD ACTIVITIES

General OPD
Situated in the Ground Floor of Emergency Building

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<tr>
<th>OPD Roster</th>
<th>Doctors</th>
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<tbody>
<tr>
<td>Tuesday</td>
<td>Dr. Sita Chattopadhyay</td>
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<td>Dr. Tushar Kanti Mondal</td>
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<td>Dr. Debasish Sinha</td>
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<td>Thursday</td>
<td>Prof. Raghunath Misra</td>
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<td>Dr. Murari Mohan Mandal</td>
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<td>Dr. Sarbajit Ray</td>
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<td>Dr. Sinjita Dutta</td>
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<td>Saturday</td>
<td>Dr. Mausumi Basu</td>
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<td>Dr. Sribas Ray</td>
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<td>Dr. Afifa Ahamed</td>
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<th>Attendance since December 2015 to November 2016</th>
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<th>Female</th>
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<td>New</td>
<td>4986</td>
<td>5699</td>
</tr>
<tr>
<td>Old</td>
<td>4689</td>
<td>4595</td>
</tr>
<tr>
<td>Total</td>
<td>90675</td>
<td>10294</td>
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Dentistry (Odontostomatology)

STAFF

Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. P. Chakraborty</td>
<td>MDS (Conservative Dentistry &amp; Endodontics)</td>
<td>Professor &amp; Head</td>
</tr>
<tr>
<td>Vacant</td>
<td>One post</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. A. Sengupta</td>
<td>MDS (Oral &amp; Maxillofacial Surgery)</td>
<td>Clinical Tutor</td>
</tr>
<tr>
<td>Vacant</td>
<td>One post</td>
<td>Assistant Professor</td>
</tr>
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</table>

Medical Officers

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Position</th>
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<tbody>
<tr>
<td>Dr. S. K. Ghosh</td>
<td>BDS</td>
<td>MO (Dental)</td>
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<td>Vacant</td>
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<td>MO (Dental)</td>
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Housestaff

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

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

ACADEMIC ACTIVITY

- CDE Programme was organized in the department in the month of November, 2015. The topic of discussion was on “Role of Anti-Inflammatory Effects of Trypsin-Chymotrypsin Combination in day to day Dental/Oral Surgery Procedure.”
- Another CDE Programme was organized in December, 2015. The topic of discussion was: “Role of Metronidazol as topical antiseptic in soft tissue infection of oral cavity.”
- Chair-side discussions on special cases of academic interest i.e. management of chronic oral mucosal lesions; Dental management of severe medically compromised patients; Pre-operative management of oral malignant condition to improve the oral hygiene prior to definitive treatment etc; are being taken regularly.
- To promote academic interest amongst the house-surgeons, they are being encouraged for clinical case presentations of special interest regularly on Saturdays.

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

SERVICE INFORMATION

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

OPD attendance
- Yearly total: 18000 (approx.) Old cases: 3700 (approx.) New cases: 14300 (approx.)
- Average daily attendance: 85 (approx.)
- Referrals: 850 (approx.)
Minor oral surgical procedures performed under local anaesthesia
- Surgical removal of impacted third molars (Wisdom tooth)
- Surgical removal of impacted canines
- Removal of periapical lesions.
- Repair of dent alveolar fractures and favourable fractures under L.A and inter-maxillary fixations
- Surgical excisions of oral soft tissue growth (non-malignant)
- Incisional and excisional biopsy
- Enucleation and marsupialisation of benign cysts and tumours of jaws
- Intra-oral and extra-oral incisions and drainage of acute orodental infections
- All types of tooth extractions (intra-alveolar and trans-alveolar) including retained and broken roots
- Endodontic surgeries and periodontal surgeries under LA.

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

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

Departmental routine

<table>
<thead>
<tr>
<th>DAY</th>
<th>OPD</th>
<th>MINOR O.T.</th>
<th>Floor (exodontia/ endontia/ others)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MONDAY</td>
<td>Dr. A. Sengupta</td>
<td>Dr. P Chakraborty / Dr. S. K. Ghosh</td>
<td>Dr. P Chakraborty / Dr. S. K. Ghosh</td>
</tr>
<tr>
<td>TUESDAY</td>
<td>Dr. P. Chakraborty</td>
<td>Dr. A. Sengupta</td>
<td>Dr. S. K. Ghosh</td>
</tr>
<tr>
<td>WEDNESDAY</td>
<td>Dr. S. K. Ghosh</td>
<td>Dr. P. Chakraborty</td>
<td>Dr. A. Sengupta</td>
</tr>
<tr>
<td>THURSDAY</td>
<td>Dr. S. K. Ghosh</td>
<td>Dr. A. Sengupta</td>
<td>Dr. P. Chakraborty</td>
</tr>
<tr>
<td>FRIDAY</td>
<td>Dr. P. Chakraborty</td>
<td>Dr. S. K. Ghosh</td>
<td>Dr. A. Sengupta</td>
</tr>
<tr>
<td>SATURDAY</td>
<td>Dr. A. Sengupta</td>
<td></td>
<td>Dr. P. Chakraborty / Dr. S. K. Ghosh</td>
</tr>
</tbody>
</table>

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

Performance of the department (01.11.2015 to 30.10.2016)

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

<table>
<thead>
<tr>
<th>Faculty</th>
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<tbody>
<tr>
<td>Dr. Gobinda Chatterjee</td>
<td>Professor &amp; Head</td>
</tr>
<tr>
<td>Dr. Sumit Sen</td>
<td>Professor</td>
</tr>
<tr>
<td>Dr. Biswanath Naskar</td>
<td>Professor</td>
</tr>
<tr>
<td>Dr. Joydeep Singha</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Tirthankar Gayen</td>
<td>RMO cum Clinical Tutor</td>
</tr>
<tr>
<td>Dr. Ishad Agarrwal</td>
<td>Senior Resident</td>
</tr>
</tbody>
</table>

**Medical Officer**

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

**Postgraduate (MD) Trainees**

| Dr. Neha Sharma     | Dr. Vineet Sahu          |
| Dr. Nirmalya Das    | Dr. Nishant Choudhary    |
| Dr. Bidweshwar Verma| Dr. Soumya Deba          |
| Dr. Abhijit Chattopadhyay| Dr. Abdul Kadar Md. Ajmal|
| Dr. Abhijit Das     | Dr. Sulagna Sarkar       |
|                    |                            |
| Dr. Rajesh K. Majumdar| Dr. Sonal Bansal         |
|                    | Dr. Ashok Kumar Mondal    |
|                    | Dr. Debolina Mondal      |
|                    | Dr. Gourab Roy           |

**FACULTY NEWS**

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

**Publications**

**Prof. Sumit Sen**
- Attended Dermazone East – November 2015
- Attended MidDermazone – Bhubaneswar – August 2016
- Attended MidCUTICON – BURDWAN – July 2016
- Post-graduate examiner of WBUHS and Assam University.
- MD thesis guide.
Publications
- Nevoid Eruptive Keratoacanthoma—Yet another Unusual Manifestation of Generalized Keratoacanthoma. (IJ D)

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

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

Dr. Joydeep Singha
- MD Thesis Co-Guide.

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

Dr. Tirthankar Gayen
- Attended workshop on “Clinical Trials in India” in Medical College, Kolkata.
- Attended “IADVl quiz preliminary round” at CNMC, Kolkata.

Publications

Dr. Ishad Agarwal
- Attended IJD DiamondCon Dermazone East Cuticon 2015 held in Kolkata.

Publications
- Diagnostic dilemma revealing a rare association of pseudoainhum with underlying vascular anomaly. (Indian journal of Pediatric Dermatology).
- Bullous pemphigoid: clinically presenting as lichen amyloidosus. (Indian Journal of Dermatology, venereology and Leprosy).
• Zinc responsive acral hyperkeratosis, a new entity or another subset of other dermatoses. (IJD).

**SERVICE INFORMATION**

Dermatology OPD: Monday to Saturday
• Leprosy Clinic: Wednesday
• STI (Suraksha Clinic): Monday to Saturday

• OPD Attendance: NEW: 78000 approx. OLD: 32000 approx.
• Indoor Admission: 34
• Deaths 2

Minor surgical procedure performed
- Skin biopsy, Intralional therapy, Electrocautery, Radiofrequency, Chemical peel, Mini-punch grafting for vitiligo, Suction Blister Grafting etc.

• Patch testing for contact dermatitis and chronic urticaria.
• LASER: Monday, Wednesday, Thursday
• CRYOTHERAPY: every fortnight

Total procedures: 3245
Endocrinology & Metabolism

STAFF

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

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

Transfers and postings
Nil.

FACULTY NEWS

Prof. Subhankar Chowdhury

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

External Examiner
• DM Endocrine exit examination at PGI Chandigarh.

Externally funded projects
• “Study of the association of adiponectin gene polymorphism and level of adiponectin with inflammation and endothelial dysfunction in type 2 diabetes subjects” funded by the Research Society for Study of Diabetes in India.
"Neck circumference as a predictor of impaired glucose metabolism, body mass index, cardiovascular risk factors and metabolic syndrome in normal, pre-diabetic and diabetic population: a population based observational study" – Funded by Deptt. of Science and Technology, Govt. of West Bengal.

"Association of gene mutations/ polymorphisms with therapeutic efficacy of metformin in type 2 diabetes mellitus patients of West bengal, India" funded by Department of Biotechnology, Government of India.

"A pilot study on the Role of Gut Microbiome in Gestational Diabetes Mellitus" funded by Department of Biotechnology, Government of West Bengal.

Prof. Satinath Mukhopadhyay

Conferences attended

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

WORKSHOPS:

- Awareness and training on "Pharmacovigilence"- 9 December, IPGME&R, Kolkata
- UNESCO sponsored workshop on ‘disease burden estimates for diabetes in India’, 5 September, 2016, New Delhi, India
- UNESCO sponsored “3T IBHSc advanced Bioethics course”, 2 November, Kolkata, India.

Guest Speaker

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

Current affiliations

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

Examiner

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

Health Camp

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

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

**PhD Co-guide**
- “Inositol phospholipid signaling in apoptotic death of insulin producing beta cells leading to diabetes”. In collaboration with the Department of Biochemistry, Ballygunge Science College, University of Calcutta.
- “Molecular characterization of initial events during apoptosis of pancreatic beta cells and isolated rat islets upon treatment with cytokines (TNF- alpha etc.) and streptozotocin, which create diabetic animal models”. In collaboration with the Department of Biochemistry, Ballygunge Science College, University of Calcutta.
- “Metal dysregulation in pathogenesis of Alzheimer’s disease : An experimental studies in rat brain and cultured mammalian SH-SY5Y cells.” In collaboration with the Department of Biochemistry, Ballygunge Science College, University of Calcutta.

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

**Book chapter**

**Dr. Pradip Mukhopadhyay**

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

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

**Thesis Guide**
- Pregnancy and Thyroid function: An eastern India Perspective by Dr Subhadip Pramanik.

**Dr. Dibakar Biswas**
Conferences attended
- Best of ADA, Kolkata 2016
- Pituitary Update organized by IPGME&R, Kolkata

Dr. Rana Bhattacharjee

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

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

Dr. Arijit Singha

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

DEPARTMENTAL PUBLICATIONS


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

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

SERVICE INFORMATION

Patient attendance

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<tr>
<th>OPD Type</th>
<th>New Patients</th>
<th>Old Patients</th>
</tr>
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<tbody>
<tr>
<td>Diabetic OPD (Wednesday, Thursday &amp; Saturday)</td>
<td>13336</td>
<td>52940</td>
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<tr>
<td>Endocrine OPD (Monday, Tuesday &amp; Friday)</td>
<td>7142</td>
<td>18584</td>
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In Patients:
- Diabetological Problems: 72
- Other endocrinological problems: 59

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

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<th>Test</th>
<th>Count</th>
<th>Test</th>
<th>Count</th>
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<tbody>
<tr>
<td>T3</td>
<td>229</td>
<td>Prolactin</td>
<td>196</td>
<td>PSA</td>
<td>84</td>
</tr>
<tr>
<td>T4</td>
<td>845</td>
<td>Testosterone</td>
<td>328</td>
<td>ACTH</td>
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<tr>
<td>FT3</td>
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<td>Cortisol</td>
<td>545</td>
<td>IGF-1</td>
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<tr>
<td>FT4</td>
<td>5142</td>
<td>Insulin</td>
<td>307</td>
<td>C-peptide</td>
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<tr>
<td>TSH</td>
<td>5815</td>
<td>GH</td>
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<td>IGF BP3</td>
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<tr>
<td>Thyroglobulin</td>
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<td>Anti TPO Ab</td>
<td>458</td>
<td>TG</td>
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<td>331</td>
<td>Anti TG Ab</td>
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<td>FSH</td>
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<td>Androstenedione</td>
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<td>Estradiol</td>
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<tr>
<td>SHBG</td>
<td>84</td>
<td>DHEASO4</td>
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Total Tests done 16,422 Total Patients 9,851
Forensic & State Medicine

Faculty

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

Transfers and postings

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

Faculty news

Prof. (Dr.) Biswanath Kahali

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

Academic activities

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

Service Information

- No. of Postmortem examinations conducted in 2016  2135
- No. of age estimation Cases done in 2016  62
- No. of sexual assault cases examined in 2016  90 ( Male 40, Female 50 )
Institute of Cardiovascular Sciences
Cardiac Anaesthesiology

This department of Cardiac Anaesthesiology started its journey in the year 2011 as per G.O. No.H/MA(MES)/495/ME/MISC-15-2011 dated 11th February 2011. Post-Doctoral course of DM (Cardiac Anaesthesiology) has been introduced under West Bengal University of Health Sciences with intake of 02 Post Doctoral Trainees per year from August 2011. This course is offered only in a very few institutions in India at present. This Department was the 3rd one in India (after AIIMS, New Delhi and Sree Chitra Tirunal Institute for Medical Sciences and Technology, Thiruvananthapuram and the 1st one in Eastern India to start an independent Department as well as conducting the DM course in Cardiac Anaesthesiology.

The Department started with the following staff:
- Professor and Head: Dr. Anupam Goswami
- Associate Professor: Dr. Chaitali Sen
- Assistant Professor: Dr. Kakali Ghosh
- RMO cum Clinical Tutor: Vacant

Posts increased as per order number HF/O/MERT/64/ME/PG-31-13 dated 17th/01/2014 were:
- Professor: One
- Associate Professor: One
- Assistant Professor: One
- RMO cum Clinical Tutor: Two

FACULTY

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Chaitali Sen (Dasgupta)</td>
<td>MD (AIIMS), DNB, DM (AIIMS), MNAMS</td>
<td>Professor &amp; Head</td>
</tr>
<tr>
<td>Dr. Kakali Ghosh MD, DM</td>
<td>FIACTA</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Sandeep Kumar Kar, MD</td>
<td></td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Asit Munsi, DA</td>
<td></td>
<td>Medical Officer</td>
</tr>
</tbody>
</table>

Posts vacant
- Professor: One
- Associate Professor: Two
- RMO cum Clinical Tutor: Three

DM in Cardiac Anaesthesia

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

Till now 6 candidates have passed DM in Cardiac Anaesthesiology in MCI recognized seats.
In August 2014
- Dr. Kakali Ghosh (now working as Assistant Professor in this Department)
- Dr. Monalisa Datta
In August 2015
- Dr. Jyoti Ranjan Parida
- Dr. Somnath Dey (now working in WBHS)
In August 2016
- Dr. Anusuya Banerjee
- Dr. Deepanwita Das

Current post-doctoral trainees (DM Cardiac Anaesthesiology)
- Dr. Tanmoy Ganguly, MD, Second year DM Post Doctoral Trainee
• Dr. Soumi Das, MD, Second year DM Post Doctoral Trainee
• Dr. Harneet Singh Khurana MD, First year DM Post Doctoral Trainee
• Dr. Sushmit Kamat, DA, DNB, First year DM Post Doctoral Trainee
• Dr Neeta Basak, MD, First year DM Post Doctoral Trainee

One seat vacant in current session

Achievement of faculty postdoctoral trainees

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

ACADEMIC ACTIVITIES

The teachers participate in:

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

The post doctoral students participate in:

1. Regular classes, examinations for assessment and hands-on training for DM (Cardiac Anaesthesiology) and MD (Anaesthesiology) students.
2. CME programs organized by INDIAN SOCIETY OF ANAESTHESIOLOGISTS, and INDIAN SOCIETY OF CARDIOTHORACIC ANAESTHESIOLOGY, both in National and State level.

3. Various conferences at State, Zonal, National, and International level.

4. Paper presentations at various conferences.

5. They are encouraged for one month FELLOWSHIP in any Premier Institute in INDIA.

6. They are encouraged to participate in seven days Hands on Training and Workshop in NARAYANA HRUDALAYA, BENGALURU under guidance of Eminent National and International Faculties of Cardiac Anaesthesiology in First Year.

7. They are posted in Cardiology Department of IPGME to have Hands on Training in Transthoracic Echocardiography for two months (One month in First year and one month in Third Year).

8. They are encouraged for publication of Research Articles, Case Reports, Review Articles in Different Journal of National and International repute.

FACULTY NEWS

Dr. Chaitali Sen (Dasgupta)
• Professor & Head of the Department
• Guide or Co- guide of 6 (six) DM (Cardiac Anesthesiology) students and 4 (four) MD (Anaesthesiology) students.
• Active participation in classes for DM Post Doctoral Trainees and MD Anaesthesia students.
• Faculty in ACTA WB Annual conference held in May 2015 and 2016
• Course Coordinator of CTVAC 2015-2016
• Served as Scientific Secretary of Indian Society of Anaesthesiologists West Bengal Branch
• Served as Scientific Secretary of Association of Cardio Thoracic Anaesthesiologists, West Bengal
• Vice President of Association of Cardio Thoracic Anaesthesiologists, West Bengal
• Examiner for DM Cardiac Anaesthesiology under West Bengal University of Health Sciences in 2016

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

Dr. Sandeep Kumar Kar
• Co Guide of two Postgraduate Trainees in MD Anaesthesia
• Active participation in classes for DM Post Doctoral Trainees and MD Anaesthesiology students.
• Editor of insights of blood pressure
• Editor of journal of neurosurgery Imed pub indexed in scopus
• Editor of interventional Cardiology
• Editor in Chief Journals of Heart Care: Lawrence Press U.S.A.
• Editorial Board of International Archives of Medicine indexed in scopus
• Editor Translational Biomedicine indexed in scopus
• Editorial Board Member Biotechnology & Biomaterials.
• Editorial Board Member of International Journal of Neurorehabilitation.
• Editorial Board Member of Journal of Cardiovascular Diseases & Diagnosis.
• Editorial Board Member Applied Pharmacy
• Editorial Board Member of The Journal of Middle East and North Africa Sciences.
• Editorial Board Member of HSOA Journal of Cardiology & Neurocardiovascular Diseases.
• Editor in Chief International Journal of Healthcare and Medical Sciences.
• Editorial Board Member of Drug Designing.
• Editorial Board member of Epilepsy Journal.
• Editorial Board Member Bioequivalence & Bioavailibility.
• Editorial board member. Affiliation: Bioanalysis and Biomedicine
• Editorial Board Member of the Prestigious Clinical and Experimental Cardiology.
• Editorial Board Member of American Research Journal of Cardiovascular Diseases.
• Associate Editor Journal of Anesthesia & Critical Care
Publications from the Department from November 30, 2015 to November 30, 2016


SERVICE INFORMATION

Number of procedures done by this department in different operating rooms

<table>
<thead>
<tr>
<th>Month</th>
<th>Elective Surgery</th>
<th>Emergency Surgery</th>
<th>Cath Lab</th>
<th>OPD Cases</th>
<th>Total</th>
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<tr>
<td></td>
<td>Cardiac Surgery</td>
<td>Thoracic Surgery</td>
<td>Other Surgeries</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>With CPB</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>January</td>
<td>39</td>
<td>10</td>
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<td>07</td>
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<tr>
<td>February</td>
<td>43</td>
<td>04</td>
<td>06</td>
<td>03</td>
<td>94</td>
</tr>
<tr>
<td>March</td>
<td>36</td>
<td>10</td>
<td>08</td>
<td>10</td>
<td>102</td>
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<td>41</td>
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<td>August</td>
<td>40</td>
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<td>September</td>
<td>40</td>
<td>09</td>
<td>05</td>
<td>07</td>
<td>99</td>
</tr>
<tr>
<td>October</td>
<td>25</td>
<td>06</td>
<td>09</td>
<td>03</td>
<td>71</td>
</tr>
</tbody>
</table>

Total cases from January 2016 to October 2016: 961

Apart from routine Anaesthesia works in CTVS OT, the Department
- Runs PAC Clinic 3 days in a week: Monday & Wednesday: 2PM to 4PM, Friday: 12 Noon to 4 PM
- Administers Anaesthesia to Sishu Sathi Patients for Cath Lab procedures regularly
- Administers Anaesthesia to adult patients for Cath Lab procedures as & when required.
- Takes care of patients in CTVS Recovery.
Institute of Cardiovascular Sciences - Cardiology

STAFF

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Qualification</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Sankar Chandra Mandal</td>
<td>MD, DM, FACC (USA), FCSA, FESC</td>
<td>Professor &amp; Head</td>
</tr>
<tr>
<td>Dr. Dhurjati Prasad Sinha</td>
<td>MD, DM</td>
<td>Professor</td>
</tr>
<tr>
<td>Dr. Achyut Sarkar</td>
<td>MD, DM</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. S. S. Islam</td>
<td>MD, DM</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. Saroj Mandal</td>
<td>MD, DM, FACC (USA), FSCAI (USA)</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Bhuban Majhi</td>
<td>MD, DM</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Asit Das</td>
<td>MD, DNB</td>
<td>RMO-cum-Clinical Tutor</td>
</tr>
<tr>
<td>Dr. Arindam Maitra</td>
<td>MD, DM</td>
<td>RMO-cum-Clinical Tutor</td>
</tr>
<tr>
<td>Dr. Niloy Banerjee</td>
<td>MD</td>
<td>RMO-cum-Clinical Tutor</td>
</tr>
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</table>

Post-doctoral trainees

<table>
<thead>
<tr>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Priyankar Mandal</td>
<td>Dr. Pulakesh Sinha</td>
<td>Dr. Sudip Kumar Ghosh</td>
</tr>
<tr>
<td>Dr. Amit Kumar Jha</td>
<td>Dr. Soumya Kanti Dutta</td>
<td>Dr. Sudeb Mukherjee</td>
</tr>
<tr>
<td>Dr. Prashant Kumar</td>
<td>Dr. Ashesh Halder</td>
<td>Dr. Anindya Sarkar</td>
</tr>
<tr>
<td>Dr. Anurag Passi</td>
<td>Dr. Suman Chatterjee</td>
<td>Dr. Rakesh Agarwal</td>
</tr>
<tr>
<td>Dr. Somnath Mukherjee</td>
<td>Dr. Soumik Ghosh</td>
<td>Dr. Aniruddha Mandal</td>
</tr>
<tr>
<td>Dr. Kaushik Paul</td>
<td>Dr. Apurba Bikash Pramanick</td>
<td>Dr. Sandipta Ray</td>
</tr>
<tr>
<td>Dr. Atindranath Bandyopadhyay</td>
<td>Dr. Samir Kumar Roy</td>
<td>Dr. Aditya Verma</td>
</tr>
<tr>
<td>Dr. Tusharkanti Patra</td>
<td>Dr. Avijit Moulick</td>
<td></td>
</tr>
<tr>
<td>Dr. Gouranga Sarkar</td>
<td>Dr. Soumyajit Ghosh</td>
<td></td>
</tr>
</tbody>
</table>

FACULTY NEWS

Prof. Sankar Chandra Mandal
Continues as fellow.
- American College of Cardiology.
- European Society of Cardiology (ESC).
- Executive member C.S.I W.B. branch.

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

Publications
- A simple method of Bachman bundle pacing with indigenous modification of the stellate. Indian heart journal 2016 (September-October).

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

Dr. Saroj Mandal
- Organizing secretary of Society for cardiac intervention 2016 (September 10-11 at ITC Kolkata).
Delivered talk on “Advancement in bradycardia management” at international conference of Indian college of Physicians and 23rd annual conference of API West Bengal branch in association with Royal college physicians of Ireland and South East Asian countries 30th September-2nd October 2016.

Ad-hoc Angioplasty should we continue or discard? At EIICON 2016 organized by CSI west Bengal branch held on 25th and 26th June at hotel ITC Sonar, Kolkata.

Intervention Focused talk-role of thrombus aspiration or Thrombectomy- Cardiology Society of India February 2016 Chennai.

Contrast induced nephropathy- how to minimize it (WBCSI 2016).

Has been invited as an faculty and moderator of a live case session on bifurcation stenting at India Live 2016 26th-28th Feb New Delhi and perform CD presentation of a case of left Subclavian vein stenting in a patient of CRF with left upper limb edema and arterio-venous block.

Has been invited as an international faculty and moderator of 2 live case sessions on BVS in Bifurcation stenting and complex PCI in NIC-midterm 2016 at Hyderabad and perform 2 CD presentation of Double trouble-nightmare in cathlab CTO intervention in a young APLA patient-national intervention Council midterm meet April Hyderabad.

Moderator: Emerging therapy of atherogenic dyslipidemia: Indian perspective and research.

Cardio-Diabetology Summit 2016. Auditorium-R G Kar Medical College, Kolkata 18th Feb 2016

Editorial contribution-editor: interventional cardiology updates 2016

Chapter contribution in books: interventional cardiology updates 2016

I) How do I do it: coronary sinus cannulation, II) How do I do it: perform a trans-septal puncture,

IIII) Bypass graft intervention IV) LMCA stenting VI) Mitraclip VI) advances IN CARDIOLOGY.

MI AND STROKE: How to tackle the deadly duo: Cardiology Society of India –Cardiology update 301-305.

Other publications


Maternal mortality with cardiac disease in women: a case control study from Eastern India, Int J of Recent Scientific Research 2016; 7(5) Pubmed indexed. D Mandal, G Bhatt, S Mandal, B Ghosh et al.


E-poster presentation in CSI-Kochi 2016: correlation between chronic conduction block and coronary artery disease, Gouranga Sarkar, Saroj Mandal

Dr. Bhuban Majhi

Delivered Lecture on ‘Acute coronary syndrome diagnosis and classification’ at CSI February 2016.

Delivered Lecture on ‘How to take an ideal informed consent’ at EIICON 2016.

Delivered Lecture on ‘Hypertensive encephalopathy’ at WBCSI update 2016.

Publications


Dr. Asit Das

Cardiac electrophysiology: the basics GIMACON 2016.

Publications

A simple method of Bachman bundle pacing with indigenous modification of the stellate. Indian heart journal 2016 (September-October).


ONGOING TRIALS AND PROJECTS

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

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

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

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

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

SERVICE INFORMATION

<table>
<thead>
<tr>
<th>Ward</th>
<th>No of Beds(Male)</th>
<th>No of Beds(Female)</th>
<th>Cabins</th>
</tr>
</thead>
</table>

73
In addition, there are variable number of Trolley beds and Floor beds in the wards depending on patient load.

- Total Admission = 14958
- Death = 648

**OPD**

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

**Special clinics**

<table>
<thead>
<tr>
<th>Clinic</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arrhythmia Clinic</td>
<td>Every Monday</td>
</tr>
<tr>
<td>Paediatric OPD</td>
<td>Every Tuesday and Friday</td>
</tr>
</tbody>
</table>

**Procedure / Investigations performed**

- ECG                                  75802
- TMT                                  1348
- Echocardiography                    14224

**Cathlab and OT procedures**

- Temporary pacing                    1840
- Permanent pacing                     1350
- Coronary angioplasty ± stenting      1520
- Peripheral angioplasty ±stenting     55
- Coronary Angiography                3298
- EP study with RF Ablation            25
- Balloon Mitral Valvuloplasty         160
- Balloon Pulmonary Valvuloplasty      11
- Other interventions AICD             20
- CRTD                                 8
- P D A                                 32
- Cardiac Catheterisation              75
- ASD closure                          10
- VSD closure                          12
- Other procedures like renal artery stenting, IVC cavoplasty, septal ablation in HOCM etc 6

**OTHER INFORMATION**

- DNB (Cardiology) examination (on all India basis) has been held twice in this year
- Eleven D.M (PDT) – have passed the D.M (Cardiology) Exam. Dr.Sreedhara R, Dr.Soumik Chaudhuri, Dr.Rahul Arora, Dr.Manish Vinayak, Dr.Vishal Batra, Dr.Sonali Sarkar, Dr.Pankaj Sarkar, Dr.Satrajit Samanta, Dr.Manjunath D. Dr.Koushik Banerjee, Dr. Sumanto Mukhopadhyay.
- Nine Doctors as DM Trainee have joined this year.
- Separate Pediatric Cath-Lab is running successfully.

**PROPOSED DEVELOPMENTAL PROJECT**

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

STAFF

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

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

Postdoctoral (MCh) trainees

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>• Dr. Debajyoti Mandal</td>
<td>• Dr. Raja Lahiri</td>
<td>• Dr. Chaina Pul</td>
</tr>
<tr>
<td>• Dr. Arnab Maity</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

FACULTY NEWS

Prof. Subhankar Bhattacharya
- Examiner: Convenor MCh (C.T.V.S.) Final Examination West Bengal University of Health Sciences.
- Member Board of Studies, West Bengal University of Health Sciences.
- Teacher: Bachelor of Physical Medicine o Teacher: Diploma Perfusion Technology
- Teacher: M.Sc. Nursing
- Teacher: Perfusion Technology (DPfT)
- External examiner in MCh exam in Gujarat University & Rajiv Gandhi University

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

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

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

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

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

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

Dr. Dibakar Das
• Our main O.T. organiser
• He is an experienced cardiothoracic surgeon

Dr. Rita Neogi
• Acting as our chief OPD in-charge & in-charge of the Sishu sathi scheme.

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

Wet lab organized for valve implantation & CME in 2016.

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

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

Publications
2. Incidentally found congenital cystadenomatoid malformation in a misdiagnosed case of massive pneumothorax, in a 2 months old child: case report in International Journal of Science & Research (IJSR): ISSN (Online).
5. On table detection of persistent left superior vena cava draining into superior aspect of left atrium in a case of ostium secundum atrial septal defect: a case report in International Journal of Science & Research (Online).

SERVICE INFORMATION
The department has 4 running OTs of which 3 are open heart and other major cardiothoracic & vascular surgery cases requiring cardiopulmonary bypass. The 3rd O.T. is utilized for major vascular, thoracic and closed cardiac cases.

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

Cardiothoracic & vascular surgery Procedures in one year

<table>
<thead>
<tr>
<th>CABG</th>
<th>Valve</th>
<th>Congenital</th>
<th>Vascular</th>
<th>Emergency</th>
<th>Closed cardiac/ non cardiac</th>
<th>AVF &amp; thoracic</th>
<th>Sishu Sathi</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>247</td>
<td>257</td>
<td>190</td>
<td>220</td>
<td>450</td>
<td>77</td>
<td>1000</td>
<td>200</td>
<td>2641</td>
</tr>
</tbody>
</table>
Percentage increased 19%.
Number of patients operated below 12 years of age 200
Number of patients operated in Shishu Sathi scheme 200

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

**Unit distribution**

<table>
<thead>
<tr>
<th>Unit 1</th>
<th>Unit 2</th>
<th>Unit 3B</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Prof. Subhankar Bhattacharya</td>
<td>• Prof. Goutam Sengupta</td>
<td>• Dr. Ansuman Mondal</td>
</tr>
<tr>
<td>• Dr. Prokash Sanki</td>
<td>• Dr. Subhendu Mahapatra</td>
<td>• Dr. Santanu Dutta</td>
</tr>
<tr>
<td>• Dr. Javid Vaquar Sadique</td>
<td></td>
<td>• Dr. Subhendu Mahapatra</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Day</th>
<th>Unit 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday</td>
<td>Prof. Goutam Sengupta</td>
</tr>
<tr>
<td>Tuesday</td>
<td>Dr. Santanu Dutta</td>
</tr>
<tr>
<td>Wednesday</td>
<td>Dr. Prakash Sanki</td>
</tr>
<tr>
<td>Thursday</td>
<td>Dr. Ansuman Mondal</td>
</tr>
<tr>
<td>Friday</td>
<td>Prof. Subhankar Bhattacharya</td>
</tr>
<tr>
<td>Saturday</td>
<td>Dr. Subhendu Mahapatra - 1st &amp; 3rd</td>
</tr>
<tr>
<td></td>
<td>Dr. Javid Vaquar Sadique - 2nd &amp; 4th</td>
</tr>
<tr>
<td></td>
<td>5th Saturday on rotation</td>
</tr>
<tr>
<td>Sunday</td>
<td>1st - Prof. S. Bhattacharya</td>
</tr>
<tr>
<td></td>
<td>2nd - Prof. G. Sengupta</td>
</tr>
<tr>
<td></td>
<td>3rd - Dr. S. Dutta</td>
</tr>
<tr>
<td></td>
<td>4th - Dr. A. Mondal</td>
</tr>
<tr>
<td></td>
<td>5th - Dr. P. Sanki</td>
</tr>
</tbody>
</table>

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

- We have increased the cases by 17% from the previous year.
- We are utilizing the 5th OT (OT with C- Arm) for pacemaker implantation, Venogram, Peripheral Angiogram, seeing the foreign body (such as bullet, pellets etc) and A.V. Fistula creation.
- It is our great honour that this department is the only CTVS department amongst all the government hospitals in West Bengal, which has been selected for **Sishu Sathi Scheme**. We have started the 4th OT stamped for **Sishu Sathi Scheme**
  - We are successfully doing beating heart CABG 12 to 15 in a month.
  - We are almost having 100% success rate in Tetralogy of Fallot case.
  - In stepdown recovery we have made cubicals with curtains and this will give privacy to the patients.
  - We are proud of mechanized cleaning with which we are maintain cleanliness in the department
  - We have submitted plans for extending our building in which we are planning to build up a neonatal and pediatric unit with recovery and OT.

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

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

### Faculty

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

### Office staff

<table>
<thead>
<tr>
<th>Name</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biswajit Debnath</td>
<td>Computer Professional</td>
</tr>
<tr>
<td>Bikash Kr Sikder</td>
<td>GDA</td>
</tr>
<tr>
<td>Sujit Biswas</td>
<td>GDA</td>
</tr>
<tr>
<td>Kishore Das</td>
<td>GDA</td>
</tr>
<tr>
<td>Smt. Mrinalini Mondal</td>
<td>GDA</td>
</tr>
</tbody>
</table>

### Postgraduate trainees

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Debdeep Mondal</td>
<td>Dr. Rajarshi Datta</td>
<td>Dr. Deepak Kumar</td>
</tr>
<tr>
<td>Dr. Adrija Hajra</td>
<td>Dr. Sabyasachi Bhattacharya</td>
<td>Dr. Avishak Sarkar</td>
</tr>
<tr>
<td>Dr. Anindya Sengupta</td>
<td>Dr. Sukalpa Chaudhuri</td>
<td>Dr. Debashish Mondal</td>
</tr>
<tr>
<td>Dr. Abhishek Chowdhury</td>
<td>Dr. Himadri Sonowal</td>
<td>Dr. Riten Kumar Samadder</td>
</tr>
<tr>
<td>Dr. Arpan Dutta</td>
<td>Dr. Vivek Goel</td>
<td>Dr. Saikat Prasad Datta</td>
</tr>
</tbody>
</table>
REGULAR ACADEMIC ACTIVITIES

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

<table>
<thead>
<tr>
<th>Activity</th>
<th>Day</th>
</tr>
</thead>
<tbody>
<tr>
<td>Long Case Presentation</td>
<td>Monday</td>
</tr>
<tr>
<td>Semi Long Case</td>
<td>Tuesday</td>
</tr>
<tr>
<td>Seminar</td>
<td>Wednesday</td>
</tr>
<tr>
<td>Faculty Lecture</td>
<td>Thursday</td>
</tr>
<tr>
<td>Problem oriented case discussion</td>
<td>Friday (1st &amp; 3rd)</td>
</tr>
<tr>
<td>CPC</td>
<td>Friday (2nd)</td>
</tr>
<tr>
<td>Journal Club</td>
<td>Friday (4th)</td>
</tr>
<tr>
<td>Bedside Clinic (for MD Students)</td>
<td>Every Tuesday &amp; Thursday</td>
</tr>
<tr>
<td>Bedside Clinic (for MBBS Students)</td>
<td>Daily (as per roster)</td>
</tr>
</tbody>
</table>

No. of sessions held

<table>
<thead>
<tr>
<th>Activity</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Case Presentation (Long &amp; short)</td>
<td>62</td>
</tr>
<tr>
<td>Seminar for PGTs</td>
<td>54</td>
</tr>
<tr>
<td>Journal Club</td>
<td>26</td>
</tr>
<tr>
<td>C.P.C.</td>
<td>17</td>
</tr>
<tr>
<td>Faculty clinical meeting &amp; Seminars</td>
<td>23</td>
</tr>
</tbody>
</table>

Thesis submitted in 2016


5. An Etiological Study of Sepsis and Mods ina Teaching Institution in Eastern India with Special Reference to Tropical Infections. – Dr. Pratyush Biswas. Guide : Prof. Shantasil Pain & Co-Guide : Dr. Subrata Halder

6. Prevalence and Clinic-{athological Profile of Renal Dysfunction in People Living with HIV and AIDS. - Dr. C. Zarzosangi. Guide : Prof. Shantasil Pain


SERVICE INFORMATION

Beds location (Ward, Building)

<table>
<thead>
<tr>
<th>Ward</th>
<th>Location/ Building</th>
<th>No of Beds (Male)</th>
<th>No of Beds (Female)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mackenzie</td>
<td>Main Bloc</td>
<td>71</td>
<td>-</td>
</tr>
<tr>
<td>NER (Female)</td>
<td>Main Block</td>
<td>-</td>
<td>53</td>
</tr>
<tr>
<td>NER (Male)</td>
<td>Main Block</td>
<td>-</td>
<td>32</td>
</tr>
<tr>
<td>CCU</td>
<td>Main Block</td>
<td>32</td>
<td></td>
</tr>
</tbody>
</table>

Patients are also admitted in Woodburn Ward.

OPD location OPD Complex in Emergency Building Ground Floor

OPD attendance
Yearly total: Medicine OPD - 100250 (approx.)
Average daily attendance: 356 (approx.)

Units

<table>
<thead>
<tr>
<th>Day</th>
<th>Unit</th>
<th>Name of the Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday</td>
<td>I</td>
<td>Prof. Nirmalendu Sarkar, Dr. Manjari Saha, Dr. Anupam Mandal &amp; Dr. Hema Malathi</td>
</tr>
<tr>
<td>Tuesday</td>
<td>II</td>
<td>Prof. S. Ghosh, Prof. Asutosh Ghosh, Dr. Srabani Ghosh &amp; Dr. Subrata Halder</td>
</tr>
<tr>
<td>Wednesday</td>
<td>III</td>
<td>Prof. M. K. Das, Dr A. C. Ray &amp; Dr. Souvik Kanjilal</td>
</tr>
<tr>
<td>Thursday</td>
<td>IV</td>
<td>Prof. P. K. Dutta, Dr. Niladri Sarkar &amp; Dr. Ananta Kr Dutta</td>
</tr>
<tr>
<td>Friday</td>
<td>V</td>
<td>Prof. Alakendu Ghosh, Prof. J. D. Mukhopadhyay &amp; Dr. S. Saha</td>
</tr>
<tr>
<td>Saturday</td>
<td>VI</td>
<td>Prof. S. Pain, Dr. Tania Das Bhattacharya &amp; Dr. Subhra Aditya</td>
</tr>
<tr>
<td>Sunday</td>
<td></td>
<td>By rotation as per roster</td>
</tr>
<tr>
<td>Name of Clinic</td>
<td>V.P. in-Charge</td>
<td>Date &amp; Time</td>
</tr>
<tr>
<td>--------------------------</td>
<td>------------------------------------</td>
<td>------------------------------</td>
</tr>
<tr>
<td><strong>Geriatric Clinic</strong></td>
<td>Prof. Nirmalendu Sarkar &amp; Dr. Subhra Aditya</td>
<td>Every Thursday, 12.00 Noon</td>
</tr>
<tr>
<td><strong>Cardio-Diabetology Clinic</strong></td>
<td>Dr. Avas Chandra Ray</td>
<td>Every Wednesday, 2.00 PM</td>
</tr>
<tr>
<td><strong>Pain Clinic</strong></td>
<td>Dr. Srabani Ghosh</td>
<td>Every Wednesday, 12.00 Noon</td>
</tr>
<tr>
<td><strong>Arsenic</strong></td>
<td>Dr. Anupam Mondal</td>
<td>Every Thursday, 1.00 PM</td>
</tr>
<tr>
<td><strong>Obesity &amp; Lifestyle Diseases Clinic</strong></td>
<td>Prof. Soumitra Ghosh</td>
<td>Every Friday, 11.30 AM</td>
</tr>
</tbody>
</table>
Microbiology

Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Prasanta Kr. Maiti</td>
<td>MD, DGO, DCP</td>
<td>Professor &amp; Head</td>
</tr>
<tr>
<td>Dr. Raja Ray</td>
<td>MD, Ph D, DTM&amp;H.</td>
<td>Professor</td>
</tr>
<tr>
<td>Dr. Kumkum Bhattacharya</td>
<td>MD</td>
<td>Professor (joined on 09/09/2016)</td>
</tr>
<tr>
<td>Dr. Kalidas Rit</td>
<td>MD</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. Hirak Jyoti Raj</td>
<td>MD</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Nupur Pal</td>
<td>MD, DCH</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Suranjana Pal</td>
<td>MD, DNB</td>
<td>Demonstrator</td>
</tr>
<tr>
<td>Dr. Arani Debnandi</td>
<td>MD</td>
<td>Demonstrator</td>
</tr>
</tbody>
</table>

Officers transferred out

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Position</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Manash Sarkar</td>
<td>MD, DTM&amp;H</td>
<td>Professor &amp; MSVP</td>
<td>To Murshidabad Med. Col.</td>
</tr>
<tr>
<td>Dr. Roumi Ghosh</td>
<td>MD, DNB</td>
<td>Assistant Professor</td>
<td>To ESI Med. Col. Joka</td>
</tr>
</tbody>
</table>

Non-teaching staff

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

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


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

MD students

<table>
<thead>
<tr>
<th>3rd Year (2014-17)</th>
<th>2nd Year (2015-18)</th>
<th>1st Year (2016-19)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Arjun Dutta</td>
<td>Dr. Indraneel Saha</td>
<td>Dr. Arpit Saha</td>
</tr>
<tr>
<td>Dr. Tamas Das</td>
<td>Dr. Abirpal Sanyal</td>
<td>Dr. Sangita Pal</td>
</tr>
<tr>
<td>Dr. Munmun Sarkar</td>
<td>Dr. Anjum Ghosh</td>
<td>Dr. Nishar Akhtar</td>
</tr>
<tr>
<td>Dr. Anjan Kr. Das</td>
<td>Dr. Tanusri Haldar</td>
<td></td>
</tr>
</tbody>
</table>

REGULAR ACADEMIC ACTIVITIES

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

- Electron Microscope has started functioning.
- DST-FIST sponsored automated blood culture system (Bac-T-Alert & VITEK) installed,
- VRDL established,
- AMRSP (ICMR) project of Rs. 50 Lakhs in 5 yrs, is going to be implemented very soon.
- Microbiology labs situated at Emergency Building 3rd. floor have been shifted to UCM Building
- Participants from the department received 1st & 2nd prize for presentation in award session at WB-Microcon-2016 (Presenters: Dr. Hirak Jyoti Raj & Archi Ghosh)
- Presentation of Jayeeta Halder selected as “Paper Of Excellence” at 1st Regional Science & Technology Congress-2016, Presidency Division, Department of Science & Technology, Govt. Of West Bengal.

FACULTY NEWS

Prof. P.K. Maiti
- Examiner & paper setter for MBBS, MD (Microbiology) examinations of WBUHS.
- Adjudicator for MD theses from WBUHS.
- MCI Inspector for UG at Banda, U.P., Sanathnagar, Telangana & Vishakhapatnam, A.P.; PG inspection at Jodhpur
- Under his supervision one candidate completed Ph.D. thesis this year and two more are continuing research, three other candidates are preparing for Ph D Registration
- Reviewer of articles for Indian Journal of Medical Microbiology, Journal of Indian Medical Association, Indian Journal of Medical Research & Medical Glory.
- Conferred Honorary Fellow of Indian Mycology Society (FIMS).
- Member of B.O.S., WBUHS, Pharmaco-vigilance Committee & Purchase Committee & Medical Research Unit of IPGMER; also Acting in-charge of “Electron Microscopy”; Member of interview team for engagement of M.T.(Lab.) held on 7-9 Dec.’16
- Chairperson in a session at “National Symposium on Microbial Diversity and its Impact” held on Feb. 18-19th, 2016 at Calcutta University.
- Received UNESCO Chair Bioethics (HAIFA) Certificate and credited 13 hours CME by WB Medical Council by participating “3T Plus ETTC Training course in Bioethics for Medical And Dental Teachers”, held on 21-23 Jan. 2016 at WBUHS organized by UNESCO & WBUHS
- Convenor of 1st get-together for Microbiologists associated with UCM/IPGMER
- Organizing President of 11th State Chapter Conference of IAMM, organized by IPGMER & acted as resource person in CME & Workshop. He also presented the Theme lecture on “Nurture Good Bacteria, Corner Bad Bacteria”. He was co-author of four papers of which two received awards.
- Acted as Invited Faculty & Resource Person of Microcon 2016 held in PGIMER, Chandigarh where he chaired a session on “Molecular / Rapid techniques and Immunology”. He presented a paper and was co-author of nine papers.
- Presented Guest Lecture on “Nano-adjuvant : new ray of hope against anti-microbial resistance” in National Seminar on “Application of nano-materials and allied fields” Organized by Institute of Science Education and Culture (ISEC) & Birla Industrial and Technological Museum (BITM) on 3rd Sept.’16
- Co-author of three papers presented in 1st. Regional Science & Technology Congress 2016, Presidency Division, West Bengal. of which one has been selected as “Paper Of Excellence”.
- Expert in Microbiology for Pre-PhD seminar (Microbiology) of Dr. Swagata Ganguly at WBUHS.

Prof. Raja Ray
- Paper setter for MD(Microbiology), MBBS, DMLT, BSc. Nursing & Internal examiner, MD(Microbiology,IPGMER,2016), Internal Examiner MBBS (IPGMER,2016), External examiner
for MBBS (RIMS, Imphal, Feb, 2016) and Silchar Medical College, Feb, 2016, DMLT (Saroj Gupta Cancer Centre and Welfare Home). BSc. Nursing of WBUHS (External and Internal Examiner, 2016).

- Adjudicator of MD Thesis from WBUHS, Jan 2016.
- Expert in Microbiology for Pre-PhD seminar (Microbiology) at WBUHS (Sept, 2016).
- Selected Chairperson for Project Evaluation by Joint Director Public Health and Communicable disease on Mosquito surveillance to forecast and control outbreaks of mosquito borne viral and parasitic diseases in and around Kolkata (Nov, 2016).
- Served as Member, Medical Board constituted by MSVP, IPGMER on 3/10/2016 for management of a neurology patient admitted in Dept of Physical Medicine. Member of interview team for engagement of M.T.(Lab.) held on 7-9 Dec.’16
- Received certificate of co-authorship in paper presented on 14th Nov, 2016 at 1st Regional Science and Technology Congress, 2016 held at the National Institute of Teacher’s Training and research, Kolkata
- Received training at National Institute of Virology, Pune for setting up VRDL lab at IPGMER (Sept, 2016)
- MCI Inspector for PG at Apex Medical College, Indore (PG), Kanyakumari Govt. Medical College, Kanyakumari (UG), Muzaffarnagar Medical College, Western UP (PG), Nizams Institute of Medical Sciences, Hyderabad (PG), Dr Ram Manohar Lohia Institute of Medical Sciences, UP (PG) during 2016
- Member of RNTCP, Nodal Microbiologist, IDSP, Principal Investigator, VRDL, Member Secretary, Hospital Infection Control Committee & Member Drug and Therapeutics Committee; Member of Hostel Supervisory Committee of IPGMER
- Judge, Scientific session, 10th IAMM State Conference, Dec 2015 and, Convener, Scientific Committee, 11th West Bengal IAMM State Conference.

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

Dr. Hirak Jyoti Raj
- Member of Hospital Infection Control Committee of IPGMER, VRDL & ART Core Committee.
- Examiner in 2ND Professional MBBS (Regular and Supplementary, WBUHS) and DMLT Examination(WBSMF)
- He served as scrutinizer in MD examination (WBUHS)
- Received training at National Institute of Virology, Pune for setting up VRDL lab at IPGMER (Sept, 2016) as Co-PI of the project
- Speaker in different seminars and orientation programs in IPGMER.
- Joint Secretary, 11th IAMM State conference, WB-MICROCON -2016.
- Co-Guide in MD thesis works and Co-Investigator in DST (WB-state) project.
- Presented oral paper in Award session of 11th IAMM State conference, WB-MICROCON -2016 and received first prize.

Dr. Nupur Pal
- Coordinator of short projects in Microbiology
- She served as scrutinizer in MBBS examination (WBUHS)
- Co-Guide in MD thesis works
- Principal investigator for operational research project, RNTCP, titled “To study the burden of non-tuberculous mycobacterial infection among immunocompetent pulmonary tuberculosis and suspected extrapulmonary cases.”
- Convener, Reception Committee, 11th IAMM State conference, WB-MICROCON -2016.
Dr. Suranjan Pal

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

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

AWARDS & ACHIEVEMENTS
- Dr. Jayeeta Haldar received certificate for best presented topic of the session in National Conference of Microbiology at Pondicherry (Microcon 2015).
- Dr Hirak Jyoti Raj received the First prize in Oral Paper presentation (Award session), in 11th IAMM State conference, WB-MICROCON-2016.
- Dr. Archi Ghosh received the Second prize in Oral Paper presentation (Award session), in 11th IAMM State conference, WB-MICROCON-2016.
- Presentation of Jayeeta Halder has been selected as "Paper Of Excellence" at 1st Regional Science & Technology Congress-2016, Presidency Division, Department of Science & Technology, Govt. Of West Bengal.
- Received three cash prizes @ Rs. 5000 for selected innovative works presented at 40th National Conference of Microbiology (Microcon-2016, at Chandigarh).

PUBLICATIONS

Journal articles
1. Haldar J, Mukherjee P, Mukhopadhyay S, Maiti PK. Isolation of bacteria from diabetic foot ulcers with special reference to anaerobe isolation by simple modified candle jar technique. Ind J Med Res; (Accepted for publication;2015)


Papers presented in National Symposium on Microbial Diversity and its Impact organized by Indian Mycological Society at CU, on Feb 18-19th, 2016:
2. Bipasa Chakraborty, Hirak jyoti Raj, Prof. Prasanta Kr. Maiti. A Case Of Low Invasive Chronic Subcutaneous Mucormycosis
4. Jayeeta Haldar, Prof. Prasanta Kr. Maiti., Prof. Raja Roy. New Method Of Anaerobiosis Applicable For Soil Bacteriology

Papers presented in 40th National Conference of IAMM (MICROCON 2016) at Chandigarh, held on 25-27th Nov, 2016:
1. Isolation and Identification of Anaerobes from Periodontitis using Two Step Combustion Modified Candle Jar System. Rehana Parveen, Jayeeta Haldar, Sudipta Chatterjee, Prof. Raja Ray, Prof. P. K. Maiti.
5. How to obtain longlife readymade media for bacterial culture. Prabir Ghosh, Munmun Sarkar, Prof. Raja Ray, Prof. Prasanta Kumar Maiti.
10. Geriatric urinary tract infections: a community based study among patients attending tertiary care hospital. Abiral Sanyal, Prof. Raja Ray, Prof. Manash Sarkar
11. Multidrug resistant bacteria producing biofilms within Life saving ventilators. Indraneeel Saha, Prof. Raja Ray.
11th State Chapter Conference of IAMM held at IPGMER on 23.10.16.

Papers in Award Sessions:
1. Bio-control of biofilm colonization on device surfaces. Hirak Jyoti Raj, Arjun Dutta, Sushmita Chatterjee, Prasanta Kr. Maiti. (Received first prize in Award session)
2. Nano-antimicrobials : the perfect antibiotic potentiators for combating drug resistance bacteria. Archi Ghosh, Raja Ray, Prasanta Kumar Maiti (Received second prize in Award session)
3. Slackia exigua, an unusual anaerobic pathogen for periodontitis, isolated by modified candle jar technique.Rehana Parveen, Jayeeta Haldar, Sudipta Chatterjee, Prof. P. K. Maiti.

Papers in Free Paper Sessions:
5. Comparative study of automated BACT / ALERT -3D system versus conventional system for bacteriological identification of sepsis in a tertiary care hosp. Nishar Akhtar ; Prof. Raja Ray

1. Innovation of simpler technique for anaerobic culture. Jayeeta Haldar, Poulami Mukharjee, Rehana Parveen, Prof. Raja Ray, Prof. PK Maiti. [selected as "Paper Of Excellence"]
2. A novel biofilm intervention strategy by a coat of preformed biofilm structure. Rehana Parveen, Arjun Dutta, Susmita Chatterjee, Prof. P.K.Maiti

MD theses submitted in 2016
1. Quality assessment of different solid culture media in terms of average bacterial colony size of appropriate bacterial growth and some steps for quality improvement. : Dr. Munmun Sarkar. Guide: Dr. P.K Maiti.
2. In vitro demonstration of biofilm inhibition characteristics of one preformed biofilm to colonization of other biofilm producers. Dr. Arjun Dutta. Guide: Dr. P.K Maiti.

Ongoing research work for MD theses
1. Difference in Growth and Drug susceptibility between in-vitro and in-vivo simulating growing conditions with special reference to common non-fastidious respiratory pathogens Dr. Anjum Namhata ; Guide: Prof. PK Maiti, Dr. HJ Raj.
2. A microbiological study of puerperal & post-abortal sepsis with reference to anaerobic and aerobic flora. Dr. Tanusri Haldar; Guide: Dr. Kalidas Rit, Dr. Nupur Pal, Prof. Sudip Saha (G&O)
3. A study of geriatric urinary tract infections, with special reference to electrolyte imbalance in a tertiary care hospital .Dr. Abirlal Sanyal; Guide: Prof. Manas Sarkar, Prof. Raja Ray
4. Study of microbiological profile of device associated infection in critically ill patients with respect to resistogram study and biofilm forming ability at a tertiary care hospital. Dr. Indraneel Saha; Guide: Prof. Raja Ray, Dr. Rajat Choudhuri.
6. Evaluation of bacterial contents in some commonly used Probiotic medicines and foods. Dr. Sangeeta Pal, Guide: PK Maiti, Kumkum Bhattacharya, Hirak Jyoti Raj

7. Comparative study of Sensitivity of BacT/Alert-3D automated detection system supplemented with Vitek-2 compact identification and AST determination system versus conventional system for bacteriological identification and antimicrobial susceptibility test (AST) of cases of sepsis at a tertiary-care hospital. Dr. Nishar Akhtar. Guides: Prf. Dr Raja Ray, Dr. Kalidas Rit.

PhD thesis work

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

Other ongoing project work

- DST (State) Project entitled “Simple innovative techniques for isolation of anaerobic bacteria on the surface of the agar plates using modified candle jar”. Principal Investigator: Prof. P.K. Maiti. [Completed]
- Nano-Mission Project, DHR, Govt. of India: “In-vitro evaluation of nano-silver particles as antimicrobial agents by direct action or as synergistic agent with some conventional antibiotics” Principal Investigator: Prof. P.K. Maiti, Co-PI: Prof. Mitali Chatterjee.
- DST (State) Project entitled “Evaluation of different in-house developed fastidious anaerobic broth as culture media and their use in cost-effective manner” Principal Investigator: Prof. P.K. Maiti.

Short projects conducted

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

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

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

**STAFF**

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

**IMPORTANT ACHIEVEMENTS**

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

**SERVICE INFORMATION**

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

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

**Postnatal Ward:** 52 lying in bed. Located at 1st floor, G&O building.

**Activities**

- Level III care of sick newborns including ventilation, parenteral nutrition, neonatal surgery,
- The unit is equipped with 18 conventional ventilators and 2 high frequency ventilators, 3 bubble CPAP. Amplitude EEG for continuous brain function monitoring with Video EEG. ECG, Digital X-ray, Ultrasound, Echocardiograph are also available in-house.
A side laboratory is working for bedside investigations like complete blood count, micro ESR, hematocrit, blood gas estimation, serum electrolytes and blood grouping is done.

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

Follow up services at Neurodevelopment clinic with facility for ROP screening and laser therapy and hearing screening.

**Neurodevelopment Clinic:** On Monday, Wednesday & Friday in new Neonatology building, 1st floor, 2 pm to 6 pm. Follow up for high risk NICU graduates, premature babies with facilities for motor, neurological, vision, hearing, cognitive examination and early intervention under one roof.

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

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

Regular neonatal surgeries performed at neonatal surgery OT.
Total Neonatal surgery done in 1 Yr average 150 (from January 2016 – November 2016): 128.

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

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

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

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

**Retinopathy of Prematurity clinic**
Screening for retinopathy of prematurity (ROP) of preterm and sick babies required oxygen in NICU and SNCU, IPGMER. & various SNCUs of west Bengal and others referred from other health care facilities. This service is available every week on Wednesday from 4 PM onwards at 1st floor, New building for Institute of Neonatology. In-house LASER therapy (emergency) is also done at NICU for babies, diagnosed as ROP.

**SERVICE INFORMATION**
## Statistics report for 2010-2016 NICU

<table>
<thead>
<tr>
<th>Year</th>
<th>Total live birth</th>
<th>Inborn admission</th>
<th>Outborn admission</th>
<th>Survival rate at NICU</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>2579</td>
<td>1143</td>
<td>219</td>
<td>93.17%</td>
</tr>
<tr>
<td>2011</td>
<td>2938</td>
<td>1107</td>
<td>292</td>
<td>92.9%</td>
</tr>
<tr>
<td>2012</td>
<td>3223</td>
<td>883</td>
<td>407</td>
<td>92%</td>
</tr>
<tr>
<td>2013</td>
<td>3400</td>
<td>875</td>
<td>320</td>
<td>88.4%</td>
</tr>
<tr>
<td>2014</td>
<td>3802</td>
<td>903</td>
<td>289</td>
<td>88.7%</td>
</tr>
<tr>
<td>2015</td>
<td>4080</td>
<td>839</td>
<td>401</td>
<td>86.4%</td>
</tr>
<tr>
<td>2016 (up to Nov)</td>
<td>3654</td>
<td>1042</td>
<td>602</td>
<td>89.0%</td>
</tr>
</tbody>
</table>

## OPD statistics (Jan 2016 - Nov 2016)

<table>
<thead>
<tr>
<th>S. No.</th>
<th>OPD</th>
<th>No of cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Neonatal Medicine OPD</td>
<td>5607</td>
</tr>
<tr>
<td>2</td>
<td>Neonatal Surgery OPD</td>
<td>150</td>
</tr>
<tr>
<td>3</td>
<td>Neurodevelopment Clinic</td>
<td>6032</td>
</tr>
<tr>
<td>4</td>
<td>RBSK OPD</td>
<td>8107</td>
</tr>
</tbody>
</table>

## MORTALITY (Jan 2016 - Nov 2016)

<table>
<thead>
<tr>
<th>INBORN</th>
<th>OUTBORN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total live births</td>
<td>Total deaths</td>
</tr>
<tr>
<td>3654</td>
<td>95</td>
</tr>
</tbody>
</table>

## Month wise statistics of NICU : 2015

<table>
<thead>
<tr>
<th>MONTH</th>
<th>LIVE BIRTH</th>
<th>NICU ADMISSION</th>
<th>DISCHARGE</th>
<th>MORTALITY</th>
<th>AVERAGE LENGTH OF STAY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>INBORN</td>
<td>OUTBORN</td>
<td>TOTAL</td>
<td>INBORN</td>
</tr>
<tr>
<td>Jan-16</td>
<td>314</td>
<td>85</td>
<td>44</td>
<td>129</td>
<td>70</td>
</tr>
<tr>
<td>Feb-16</td>
<td>276</td>
<td>112</td>
<td>55</td>
<td>167</td>
<td>79</td>
</tr>
<tr>
<td>Mar-16</td>
<td>281</td>
<td>96</td>
<td>50</td>
<td>146</td>
<td>56</td>
</tr>
<tr>
<td>April-16</td>
<td>298</td>
<td>66</td>
<td>44</td>
<td>110</td>
<td>51</td>
</tr>
<tr>
<td>May-16</td>
<td>319</td>
<td>86</td>
<td>48</td>
<td>134</td>
<td>60</td>
</tr>
<tr>
<td>June-16</td>
<td>294</td>
<td>79</td>
<td>41</td>
<td>120</td>
<td>51</td>
</tr>
<tr>
<td>July-16</td>
<td>366</td>
<td>103</td>
<td>46</td>
<td>149</td>
<td>73</td>
</tr>
<tr>
<td>Aug-16</td>
<td>365</td>
<td>88</td>
<td>65</td>
<td>153</td>
<td>79</td>
</tr>
<tr>
<td>Sep-16</td>
<td>355</td>
<td>97</td>
<td>79</td>
<td>176</td>
<td>79</td>
</tr>
<tr>
<td>Oct-16</td>
<td>411</td>
<td>121</td>
<td>69</td>
<td>190</td>
<td>87</td>
</tr>
<tr>
<td>Nov-16</td>
<td>375</td>
<td>109</td>
<td>61</td>
<td>170</td>
<td>77</td>
</tr>
</tbody>
</table>

## Bed occupancy and duration of stay at NICU : 2016

<table>
<thead>
<tr>
<th>Month</th>
<th>Bed occupancy</th>
<th>Duration of stay (days)</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Inborn</td>
<td>Outborn</td>
<td>Inborn</td>
</tr>
<tr>
<td>Jan-16</td>
<td>69%</td>
<td></td>
<td>25</td>
</tr>
<tr>
<td>Feb-16</td>
<td>75%</td>
<td></td>
<td>25</td>
</tr>
<tr>
<td>Mar-16</td>
<td>72%</td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>Apr-16</td>
<td>77%</td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>May-16</td>
<td>76%</td>
<td></td>
<td>18</td>
</tr>
<tr>
<td>Jun-16</td>
<td>76%</td>
<td></td>
<td>18</td>
</tr>
<tr>
<td>Jul-16</td>
<td>76%</td>
<td></td>
<td>25</td>
</tr>
<tr>
<td>Aug-16</td>
<td>81%</td>
<td></td>
<td>26</td>
</tr>
<tr>
<td>Sep-16</td>
<td>84%</td>
<td></td>
<td>22</td>
</tr>
<tr>
<td>Oct-16</td>
<td>87%</td>
<td></td>
<td>21</td>
</tr>
<tr>
<td>Nov-16</td>
<td>84%</td>
<td></td>
<td>21</td>
</tr>
</tbody>
</table>
TEACHING & TRAINING ACTIVITY

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

- **Clinical training for DNB in medical genetics**

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

- **Post graduate training (MD pediatrics)**

- **Training of M.Sc. Nursing students** from this institute and also from other medical colleges.

- **FBNC Training** (4+14 Days) for nurses.

RESEARCH LABORATORY SERVICE

**Neonatal microbiology research laboratory**

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

- Identification of pathogen, antimicrobial sensitivity & resistance pattern.

**Genetic Research laboratory:**

- Genetic testing & counseling centre at the department of neonatology, SSKM hospital.

PUBLICATIONS

**Books / Manuals (2012-16)**

- Book on pediatric nursing.
- Book on basic newborn care at community level (local language).
- Book on neurodevelopmental follow up and early intervention.

**Journal articles (2012-16)**

- 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

STAFF

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

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

Postdoctoral trainees

<table>
<thead>
<tr>
<th>3rd year</th>
<th>2nd year</th>
<th>1st year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Aminand Banerjee</td>
<td>Dr. Raju Sahoo</td>
<td>Dr. Swastik Purkait</td>
</tr>
<tr>
<td>Dr. Kaushik Bhattacharjee</td>
<td>Dr. Vaibhav Tiwari</td>
<td>Dr. Abhinab Debnath</td>
</tr>
<tr>
<td>Dr. Smita Divyaveer</td>
<td>Dr. Asit Mondal</td>
<td>Dr. Abhishek Chakraborty</td>
</tr>
<tr>
<td>Dr. Umesh Dubey</td>
<td>Dr. Rajib Mondal</td>
<td>Dr. Sudhangshu Sekhar Bhoi</td>
</tr>
<tr>
<td>Dr. Sandeep Saini</td>
<td>Dr. Atanu Pal</td>
<td>Dr. Adyapada Pani</td>
</tr>
<tr>
<td>Dr. Vishnu Bardhan</td>
<td>Dr. Kapiljit Chakravarty</td>
<td>Dr. Prasun Roy</td>
</tr>
</tbody>
</table>

Dialysis Technician number 8

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

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

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

Ongoing research activity:
1. The spectrum of pregnancy related acute kidney injury.
2. Outcome IgA nephropathy intervention with TESTING protocol.
3. Multitarget therapy in SLE class IV induction phase.
4. Assessment of depression and anxiety in CKD and renal transplant patient.
5. The correlation of Oxford MEST classification with clinical presentation and responsiveness to currently recommended therapy in IgA nephropathy.
7. Effect of night time dosing of antihypertensive medication on ABPM and cardiovascular and renal outcome in nondialysis CKD patient.
8. Comparison of tacrolimus vs rituximab in adult FSGS and MCD.
9. Effect remote of ischemic preconditioning for prevention of Contrast-medium induced AKI.
10. Prospective controlled study of the effect of cholecalciferol for lowering albuminuria in CKD.
12. High dose of telmisartan decreases the progression of CKD.
13. Incidence and risk factor of NODAT.
14. ICMR project: Multicentric study to find out prevalence of chronic kidney disease in Indian adults – Syantani Chowdhuri, Alolika Mukherjee, Chandra Bhushan Kr Choudhury, Deblina Das
15. DBT Project: ICKD – Jharna Mondal

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


**Passing out batch of DM Nephrology:**

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

**Seminars & Symposium:**

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

**SERVICE INFORMATION**

- Bed location - Nephrology Ward - 16 Male beds + 5 post transplant beds + 2 (Recovery room) for post operative post transplant patient. Female 17+1 (Recovery room).
- Ventilator and cardiac monitor facility available.
- Patients are also admitted in Woodburn Ward.
- Renal OPD is located in new Nephrology building
- USG guided Biopsy procedure (outdoor basis) – daily; Temporary Access (daily), Permcath insertion & AV fistula creation done in adjacent to dialysis room.
- AV Fistula creation (started from December 2012). Cases being done Monday to Friday.

**Renal laboratory information**

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

<table>
<thead>
<tr>
<th>No.</th>
<th>Name of tests</th>
<th>No. of tests</th>
<th>No.</th>
<th>Name of tests</th>
<th>No. of tests</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Na+</td>
<td>5949</td>
<td>13</td>
<td>SGOT</td>
<td>2043</td>
</tr>
<tr>
<td>2</td>
<td>K+</td>
<td>5949</td>
<td>14</td>
<td>SGPT</td>
<td>2043</td>
</tr>
<tr>
<td>3</td>
<td>Urea</td>
<td>5535</td>
<td>15</td>
<td>Alk. Phosphatase</td>
<td>2043</td>
</tr>
<tr>
<td>4</td>
<td>Creatinine</td>
<td>5863</td>
<td>16</td>
<td>Calcium</td>
<td>2203</td>
</tr>
<tr>
<td>5</td>
<td>Total Protein</td>
<td>2887</td>
<td>17</td>
<td>Phosphorus</td>
<td>2792</td>
</tr>
<tr>
<td>Test</td>
<td>Code</td>
<td>Units</td>
<td>Test Code</td>
<td>Code</td>
<td>Units</td>
</tr>
<tr>
<td>------</td>
<td>------</td>
<td>-------</td>
<td>-----------</td>
<td>------</td>
<td>-------</td>
</tr>
<tr>
<td>Albumin</td>
<td>3335</td>
<td>18</td>
<td>HbsAg</td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>Cholesterol</td>
<td>1436</td>
<td>19</td>
<td>Anti HCV</td>
<td>19</td>
<td></td>
</tr>
<tr>
<td>Triglyceride</td>
<td>1415</td>
<td>20</td>
<td>24 hr. Urinary Protein</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Sugar</td>
<td>1953</td>
<td>21</td>
<td>25 Hydroxy Vitamin D</td>
<td>21</td>
<td></td>
</tr>
<tr>
<td>Uric Acid</td>
<td>2161</td>
<td>22</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bilirubin (T)</td>
<td>2023</td>
<td>23</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bilirubin (D)</td>
<td>2023</td>
<td>24</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

### Admission census (November 2015 to October 2016)

<table>
<thead>
<tr>
<th>Category</th>
<th>Admissions</th>
<th>Discharge</th>
<th>Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>MRU Male</td>
<td>696</td>
<td>639</td>
<td>53</td>
</tr>
<tr>
<td>MRU Female</td>
<td>533</td>
<td>480</td>
<td>51</td>
</tr>
<tr>
<td>Total</td>
<td>1229</td>
<td>1119</td>
<td>104</td>
</tr>
</tbody>
</table>

### OPD census (November 2015 to October 2016)

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Old OPD Ticket</td>
<td>46332</td>
</tr>
<tr>
<td>New OPD Ticket</td>
<td>39936</td>
</tr>
<tr>
<td>Post-transplant OPD</td>
<td>2080</td>
</tr>
<tr>
<td>Glomerulonephritis clinic</td>
<td>3900</td>
</tr>
</tbody>
</table>

### Procedures / Investigations performed (November 2015 to October 2016)

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hemodialysis</td>
<td>12629</td>
</tr>
<tr>
<td>ARF</td>
<td>2903</td>
</tr>
<tr>
<td>CRF</td>
<td>9725</td>
</tr>
<tr>
<td>Plasmapheresis</td>
<td>152</td>
</tr>
</tbody>
</table>

### Renal transplant data

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

<table>
<thead>
<tr>
<th>Ward</th>
<th>Admission</th>
<th>Death</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male Ward</td>
<td>123</td>
<td>3</td>
</tr>
<tr>
<td>Female Ward</td>
<td>17</td>
<td>1</td>
</tr>
</tbody>
</table>

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

**Sambhunath Pandit Hospital Nephrology Indoor**

<table>
<thead>
<tr>
<th>Ward</th>
<th>Admission</th>
<th>Death</th>
<th>Discharge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male Ward</td>
<td>527</td>
<td>52</td>
<td>415</td>
</tr>
<tr>
<td>Female Ward</td>
<td>307</td>
<td>29</td>
<td>270</td>
</tr>
</tbody>
</table>

**Sambhunath Pandit Dialysis Unit**

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Dialysis Session</td>
<td>6023</td>
</tr>
<tr>
<td>Chronic Kidney Disease</td>
<td>4156</td>
</tr>
<tr>
<td>Acute Kidney Injury (other than snake bite)</td>
<td>299</td>
</tr>
</tbody>
</table>
**Unit distribution**
There are 3 units under which patients are admitted. They are OPD days as follows.

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

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

**Two deceased donor renal transplantation done in this year**
Nuclear and Experimental Medical Sciences

FACULTY

Dr. Jayanta Chatterjee DRM, MD
Dr. Debasis Das DRM, MD
Dr. Saikat Kumar Choudhury MD
Dr. Srabani Sen DCP, MD
Dr. Dhritiman Chakraborty MD
Dr Sushanta Pal DCH, DMRT, MD
Dr Koushwambi Kar MBBS, DMRT
Dr. Punyabrata Dobe MBBS, DTC, DBMS, FCCP

Technical Officer (Nuclear Medicine) - Vacant

FACULTY NEWS

Prof. Jayanta Chatterjee

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

Dr. Srabani Sen

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

Dr. Dhritiman Chakraborty

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

Dr. Punyabrata Dobe

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

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

Research projects
Outcome of lithium co-treatment with radio-iodine therapy in Grave's Disease.
Investigators: Prof. J. Chatterjee, Dr. G.K.Rakshit, Prof. S. Chowdhury, et al
Sponsoring agency: None

Perchlorate discharge test in evaluation of adolescents with goitre.
Investigators: Prof. J. Chatterjee, Dr. G.K.Rakshit, Prof. S. Chowdhury, et al.

Publications
## Obstetrics & Gynecology

### FACULTY

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Partha Sarathi Chakraborty</td>
<td>MD</td>
<td>Professor and Head</td>
</tr>
<tr>
<td>Dr. Subhash Chandra Biswas</td>
<td>MD, FICOG</td>
<td>Professor</td>
</tr>
<tr>
<td>Dr. Gouri Sanchar Kamila</td>
<td>MD, DNB</td>
<td>Professor</td>
</tr>
<tr>
<td>Dr. Sudip Saha</td>
<td>MD, DNB</td>
<td>Professor</td>
</tr>
<tr>
<td>Dr. Sumit Ranjan Pramanick</td>
<td>MD</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. Chaitali Datta Ray</td>
<td>MD, FICOG</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. Sambhunath Bandopadhyay</td>
<td>MD</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. Sarbeswar Mondal</td>
<td>MS</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Dipnarayan Sarkar</td>
<td>MD</td>
<td>Assistant Professor</td>
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<tr>
<td>Dr. Biswajit Ghosh</td>
<td>MD</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Subhesha Basu Roy</td>
<td>MS</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Sumanta Kumar Mondal</td>
<td>MS</td>
<td>Assistant Professor</td>
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<tr>
<td>Dr. Poushali Sanyal</td>
<td>MS, DNB</td>
<td>RMO cum Clinical Tutor</td>
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<tr>
<td>Dr. Subhendu Choudhury</td>
<td>MS</td>
<td>RMO cum Clinical Tutor</td>
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<td>Dr. Saumen Mandal</td>
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<td>Dr. Nabarun Das</td>
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<tr>
<td>Dr. Hajekul Alam</td>
<td>MS, DNB</td>
<td>RMO cum Clinical Tutor</td>
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<tr>
<td>Dr. Sayantanee Sengupta</td>
<td>MS</td>
<td>RMO cum Clinical Tutor</td>
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<tr>
<td>Dr. Bidisha Roy Choudhury</td>
<td>MS</td>
<td>RMO cum Clinical Tutor</td>
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<tr>
<td>Dr. Sayanti Paul</td>
<td>MS</td>
<td>Senior Resident</td>
</tr>
<tr>
<td>Dr. Smruti Prasad</td>
<td>MS</td>
<td>Senior Resident</td>
</tr>
<tr>
<td>Dr. Rashmi Baid</td>
<td>MS</td>
<td>Senior Resident</td>
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### Postgraduate (MS) trainees

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<tr>
<td>Dr. Dipannita Chakraborty</td>
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<td>Dr. Pooja Sahu</td>
<td>Dr. Arunima Halder</td>
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<td>Dr. Tahira Parvin</td>
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<td>Dr. Sreeja Karan</td>
<td>Dr. Sukanta Das</td>
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<td>Dr. Neha Jain</td>
<td>Dr. Debarati Saha</td>
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<td>Dr. Sukanya Roy</td>
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<td>Dr. Subrata Debnath</td>
<td>Dr. Akanksha Mishra</td>
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<td>Dr. Payel Mandal</td>
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<td>Dr. Sweety Pradhan</td>
<td>Dr. Rityan Sasmal</td>
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<td>Dr. Soma Soren</td>
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<td>Dr. Parthajit Ghosh</td>
<td>Dr. Amisha Rathore</td>
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<tr>
<td>Dr. Geetanjali Kanwar</td>
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<td>Dr. Safina Begum</td>
<td>Dr. Mousumi Mondal</td>
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<tr>
<td>Dr. Gopikishan Soren</td>
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<td>Dr. Subrata Mondal</td>
<td>Dr. Sahina Bilkis Parveen</td>
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<tr>
<td>Dr. Gunjan Bhat</td>
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<td>Dr. Joydip Roy</td>
<td>Dr. Kumari Sikha</td>
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<td>Dr. Tarun Mandal</td>
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<td>Dr. Abhijit Sarkar</td>
<td>Dr. Disharee Das</td>
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<tr>
<td>Dr. Avijit Das</td>
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### Transfers & postings

Dr. Rahul Deb Mandal joined as Assistant Professor.

There has been no superannuations this year.
REGULAR ACADEMIC ACTIVITIES

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

RESEARCH PROJECTS

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

1) Phase -1V – multicentric study with Centchroman.
2) Hospital based surveillance of female genital fistula.
3) A study on teenage pregnancy and its outcome
4) Study on subdermal contraceptive implant IMPLANON – The main study has been concluded. Now only Return of Fertility (ROF) evaluation is ongoing.

STUDENT ACADEMIC ACHIEVEMENTS

Achievement in the Indian menopausal society International conference 2016-

- Dr. Rashmi Baid: 1st prize in Debate competition of Indian Menopausal society, Kolkata Chapter 2016.
- Dr. Shreeja Karan: 1st prize in Quiz contest at Indian Menopausal society, Kolkata Chapter 2016.
- Dr. Samik Sanyal: 3rd prize in Quiz contest at Indian Menopausal society, Kolkata Chapter 2016.

SERVICE INFORMATION

OPD
Location: Gynecology Building (ground floor)

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

Indoor
Bed distribution: Gynecology beds - 50, Obstetric beds - 70

Beds location: Gynecology Building & Ronald Ross Building

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

Total admissions: 8066

Procedures/investigations performed (01.12.15 to 30.11.16)

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

<table>
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<tr>
<th>Units</th>
<th>Admission Day</th>
<th>Consultants</th>
<th>Operation Day</th>
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| IA    | Monday        | Dr. Sudip Saha  
Dr. Subesha Basu Roy  
Dr. Rahul Deb Mandal | Thursday |
| IIA   | Tuesday       | Dr. Gourisankar Kamilya  
Dr. Sarbeswar Mandal | Friday |
| IIIA  | Wednesday     | Dr. Partha Sarathi Chakravorty  
Dr. Dip Narayan Sarkar | Saturday |
| IVA   | Thursday      | Dr. Subhash Chandra Biswas  
Dr. Sumit Ranjan Pramanick | Monday |
| IB    | Friday        | Dr. Chaitali Dutta Roy  
Dr. Biswajit Ghosh | Tuesday |
| IIB   | Saturday      | Dr. Sambhunath Bandyopadhyay  
Dr. Sumanta Kumar Mondal | Wednesday |

### Other patient related information

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

STAFF

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

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

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

Para-Medical Ophthalmic Assistant (PMOA)
Sri Surajit Kundu
Sri Soumitra Chatterjee

Transfers, postings and superannuations
• Dr. Amit Kumar Gupta joined as Assistant Professor (on promotion) on 03.02.2016.
• Dr. Sonali Bhattacharya (SR) joined on 17.06.2016.
• Dr. Maitreyi Chowdhury (SR) joined on 01.10.2016.
• Dr. Buddhadeb Ray MO retired on 30.06.2016.

FACULTY NEWS

Prof. (Dr.) Mita Khan
• Acted as Chairperson in a session at the OSWB conference, Kolkata.

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

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

REGULAR ACADEMIC ACTIVITIES
• Seminars
• C.M.E. Programmes
• Classes of M.B.B.S. students
• Classes of Nursing students

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

OTHER SERVICE INFORMATION

Performance (up to 31.10.2016)
• OPD patients - 39094
• Refraction - 10823
• OPD procedures - 6727
• Cataract and other surgeries - 640
• YAG laser application – 62

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

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

Neurosurgery OT (when Orbit/ Eyeball is involved)

Intravitreal injections (Ranibizumab) are undertaken.

Referral cases from Plastic Surgery are regularly attended.
Otorhinolaryngology (ENT)

STAFF

Faculty
Dr. Arunabha Sengupta  DLO, MS  Professor & Head
Dr. Swapan Kumar Ghosh  DLO, MS, DNB  Professor
Dr. Sumanta Kumar Dutta  MS  Professor
Dr. Piyush Kumar Roy  DLO, MS  Associate Professor
Dr. Subhradeep Biswas  MS  Assistant Professor
Dr. Debasis Ghosh  DLO, MS  Assistant Professor
Dr. Alok Ranjan Mondal  MS  RMO cum Clinical Tutor
Dr. Kaustuv Das Biswas  DLO, MS  RMO cum Clinical Tutor

Senior Residents
Dr. Anindita Sengupta MS, Dr. Suvadip Dhar MS and Dr. Bahnishika Kayet MS.

Postgraduate trainees

<table>
<thead>
<tr>
<th>Third year</th>
<th>Second year</th>
<th>First year</th>
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</thead>
<tbody>
<tr>
<td>• Dr. Promit Patra (MS)</td>
<td>• Dr. Ankit Choudhary (MS)</td>
<td>• Dr. Dhiman Basu (MS)</td>
</tr>
<tr>
<td>• Dr. Prasanta Kander (MS)</td>
<td>• Dr. Joseph Nadakkavukaran (MS)</td>
<td>• Dr. Sandipta Mitra (MS)</td>
</tr>
<tr>
<td>• Dr. Somsuprabo Bag (MS)</td>
<td>• Dr. Sayan Hazra (MS)</td>
<td>• Dr. Soutrik Kumar (MS)</td>
</tr>
<tr>
<td></td>
<td>• Dr. Manisha Ray (MS)</td>
<td>• Dr. Soumendra Nath Mondal (MS)</td>
</tr>
<tr>
<td></td>
<td>• Dr. Monoj Kumar Khan (DLO)</td>
<td>• Dr. Amrita Pal (DLO)</td>
</tr>
<tr>
<td></td>
<td>• Dr. Pragna Paramita Chattaraj (DLO)</td>
<td>• Dr. Sankar Pal (DLO)</td>
</tr>
<tr>
<td></td>
<td>• Dr. Sangeetha Kumari (DLO)</td>
<td>• Dr. Sayantani Chandra (DLO)</td>
</tr>
</tbody>
</table>

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

REGULAR ACADEMIC ACTIVITIES

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

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

FACULTY NEWS

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

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

Dr. Sumanta Kumar Dutta
- MID-AOICON 2016 at B. R. Singh Hospital, Kolkata.

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

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

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

Dr. Subhradeb Biswas
- AOICON 2016, Gurgaon.

Dr. Subhadip Dhara
- Head & Neck Conference, Raniganj.

Dr. Anindita Sengupta
- FESS workshop under Guidance of Dr. Renuka Bradoo in LMTH, Mumbai (Nov 2015).
- Intralesional sclerotherapy with Polidocanol in the management of head and neck vascular lesions. BJ OHNS; Dec 2016.

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

STUDENT INFORMATION

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

Ongoing thesis work
1. Dr. Dhiman Basu
   COMPARATIVE STUDY BETWEEN TYMPANOPLASTY WITH CORTICAL MASTOIDECTOMY VERSUS PLAIN TYMPANOPLASTY IN MUCOSAL VARIETY OF COM.
2. Dr. Sandipta Mitra
   COBALTION VERSUS COLD STEEL ADENOID AND/OR TONSILLECTOMY-A COMPARATIVE STUDY.
3. Dr. Soutrik Kumar
   A PROSPECTIVE STUDY OF AUDITORY ALTERATIONS FOLLOWING RADIOTHERAPY IN PATIENTS WITH HEAD AND NECK MALIGNANCY.
4. Dr. Soumendra Nath Mondal  
CLINICOPATHOLOGICAL STUDY OF HOARSENESS WITH SPECIAL REFERNCE TO LARYNGEAL SURGERY.

5. Dr. Ankik Choudhary  
CLINICAL STUDY OF VARIOUS TYPES OF DEVIAED NASAL SEPTUM.

6. Dr. Joseph Nadakkavukaran  
A STUDY ON THE OUTCOME OF TYPANOPLASTY IN PATIENTS WITH TM PERFORATION HAVING MIXED HEARING LOSS.

7. Dr. Manisha Ray  
STATUS OF OSSICULAR CHAIN IN VARIOUS TYPES OF COM.

8. Dr. Sayan Hazra  
BENIGN VOCAL CORD LESIONS- COMPARATIVE STUDY BETWEEN LASER SURGERY & COLD SURGICAL TREATMENT.

9. Dr. Promit Patra  
CLINICAL STUDY TO EVALUATE SEQUELAE OF TOTAL THYROIDECTOMY

10. Dr. Prasanta Kander  
CLINICOPATHOLOGICAL PROFILE OF SINO NASAL MASSES AND THEIR RADIOLOGICAL CORRELATION.

11. Dr. Somsubhro Bag  
CLINICAL, RADIOLOGICAL & PATHOLOGICAL EVALUATION OF METASTATIC CERVICAL LYMPH NODES IN HEAD & NECK MALIGNANCIES.

SERVICE INFORMATION

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

Our OPD is fully equipped with fiberoptic endoscopes, a minor OT and a Audiovestibular unit. Lastly and most importantly our 24 hours ENT emergency is unparalleled and unique for performing record number of Bronchoscopy and Oesophagoscopy in pediatric patients, neonates & referred cases saving countless lives every year. The department is regularly conducting workshop, seminars and other academic sessions much to the benefit of the post graduate students and faculty.

OPD patient count

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<th>Females</th>
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### Surgery count (Main OT)

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### Audiovestibular Laboratory

SSKM Hospital, ENT Department P.P.P unit in collaboration with Dr. Anirban Biswas.
Tests done in the months 1st November, 2015 to 31st October, 2016

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Orthopedics

Faculty

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<tr>
<td>Prof. Ananda Kisor Pal</td>
<td>MBBS, MS, DNB</td>
<td>Professor &amp; Head</td>
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<tr>
<td>Prof. Koushik Chakraborty</td>
<td>MBBS, MS</td>
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<tr>
<td>Prof. Rana Das</td>
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<tr>
<td>Dr. Alok Shovan Dutta</td>
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</tr>
<tr>
<td>Dr. Dibyendu Biswas</td>
<td>MBBS, MS</td>
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<tr>
<td>Dr. Tanmay Datta</td>
<td>MBBS, MS, DNB</td>
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<tr>
<td>Dr. Abir Ghosh</td>
<td>MBBS, MS</td>
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<tr>
<td>Dr. Arnab Karmakar</td>
<td>MBBS, MS, DNB</td>
<td>Assistant Professor</td>
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<tr>
<td>Dr. Subhojit Das</td>
<td>MBBS, MS</td>
<td>RMO cum Clinical Tutor</td>
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<tr>
<td>Dr. Nani Gopal Das</td>
<td>MBBS</td>
<td>RMO cum Clinical Tutor</td>
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Senior Residents

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

Junior Residents (MS Students)

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

FACULTY NEWS

Prof. A. K. Pal
- Tips and tricks of Osteosynthesis of distal humerus fractures “ ---Delivered in CME on 05-01-2016 at Murshidabad medical college
- Myths and realities of Osteoporosis .... Delivered in CME of ExstudentReunion at Calcutta Medical college on 29-01-2016
- Pathogenesis of infection ..... Delivered in CME of WBOA Annual conference held at Burdwan 12 to 14 Feb 2016
- Tips of management of Open fracture ....Delivered in EIOT Conference at NRS MC &H on 11-03-2016
- Prosthetic replacement of elbow for distal humerus fractures - A myth or reality Delivered in National conference on CURRENT CONCEPT OF TRAUMA on 06 -04 -2016 held at Hyatt Rejency Kolkata
- Management of distal elbow fractures .... Delivered in CME held at Chinsura on 01-05-2016
- An approach to neckache ... Delivered on monthly CME of WBASM in IPGME&R Kolkata , 05-05-2016
- Common mistakes in publication ... Delivered in Seminar on HOW TO PUBLISH PAPER in Calcutta Medical College on 11-05-2016
- “History and Epidemiology of club foot “ Delivered on 3-6 -2016 at Club foot symposia at Science congress hall
- Surgical approaches of OR and Tips of ORIF of recent intracapsular fracture neck of femur ..... Delivered at conference at KASCON 12-06-2016
• Preoperative checkup & Postoperative Care of Amputations..... Delivered in Annual workshop at NIOH on 26-07-2016
• Invasive treatment of Osteoarthritis .... Delivered in symposium of OA on 30-07-2016
• An approach to Sport injury related groin pain .... Delivered in monthly CME of WBASM held at IPGMER Kolkata on 04-08-2016
• Minimal invasive osteosynthesis of Trochanteric fractures .... Delivered in Trauma conference at KOCHI on 23-25th Sept 2016
• An approach to OA of knee .... Delivered in Symposium on Osteoarthritis at Hotel Hindusthan International on 11-11-2016
• The past present and future of treatment of Osteoporosis ....Delivered in CME held at Asansole on 17-11-2016
• Red swollen knee acute & 6 months postop in a previously happy patient , how to proceed ? Delivered in Annual conference of West Bengal Arthroplasty Association at Gateway Hotel on 19-11-2016
• Minimal invasive Osteosynthesis of Orthopaedics ....in trauma update on 03-11-2016
• An approach to neuropathic pain .... In midcon of WBASM on 04-12-2016
• Osteosynthesis of ununited femoral neck fracture by internal fixation combined with iliac crest bone chips and muscle-pedicle bone grafting.... To be delivered in National conference of Indian Orthopaedic Association at KOCHI on 15-11-2016

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

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

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

Dr. Arnab Karmakar

Lectures and presentations
• Lecture on ACL reconstruction in knee arthroscopy workshop of WBOACON, Feb. 2016.
• Lecture on plates at EliOT April 2016 at NRSCH.
• Lecture on MIPOPO HUMERUS August 2016 at trauma update conference of AOTS, Kolkata.
• Poster presentation at SICOT international Conference at Rome, September 2016.
• Convener of advance knee arthroscopy workshop and presenter at annual conference of Indian Arthroscopy Society at Kolkata, September 2016.

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

- Regular Academic activities like Seminar, Journal club, Clinical Case Presentation etc held in the seminar room of our department.
- Monthly seminar of Sports Medicine held in every first Thursday.
- PGT’s orientation programme.
- MS (Ortho) Examination conducted.
- Conducted DNB (Ortho) Examination on 11 & 12 Nov, 2016.
- D (ORTHO) Supplementary Examination held on 20.10.2016.
- Webinar on management of proximal tibial fracture held on 22.10.2016.
- Competitive seminar of PGTs held on 26.10.2016.
- Seminar on Bone Substitute held on 09.11.2016.
- Monthly Tumor Board meeting held in every 3rd Saturday.

Theses work in progress

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

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

- Follow up study of a case of infective non union tibia managed by biological solution.
- 12 years follow up of total elbow replacement.
• Follow up study of a case of muscle pedicle bone grafting.
• Follow case of chronic osteomyelitis treated with interosseous bone grafting.

**Paper Presentation In WBOA-CON, 2015**
Dr. Pratik Mundhara – A case of congenital pseudo arthrosis of tibia managed by biological solution.

**Publications**

Prof. A. K. Pal

Dr. D. Biswas Dr. Arnab Karmakar & Dr. A. Ghosh.
• Role of Union and Complication between MPBG & Free Fibular Graft in fracture neck of femur-A Comparative study- IJSS, 1017354/ijss/2016/100.
• Surgical management of uncomplicated hallux varus deformity in an adolescent. Journal of evolution of Medical and Dental Science, April 2014,Vol 3:14,3652 – 3656

**SERVICE INFORMATION**

No of Patients attended in Orthopedics OPD - 195342.

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

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

No of Patients admitted in Orthopedics ward- 4215

Joint Replacements (last one year)
- THR done - 56
- TKR done - 10
- TER done - 5

Arthroscopic Operations (last one year)
- ACL Reconstruction done - 56
- Repair in case of Shoulder instability done - 12

Spinal Surgery done (last one year) – 8

Deformity correction by Ilizarov fixator – 10
Pediatric Medicine

FACULTY

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Dr. Supratim Datta</td>
<td>DCH, MD Professor &amp; HOD</td>
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<tr>
<td>Dr. Sumana (Datta) Kanjilal</td>
<td>MD Professor</td>
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<tr>
<td>Dr. Mrinal Kanti Das</td>
<td>MD Professor</td>
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<tr>
<td>Dr. Dipankar Gupta</td>
<td>MD, DCH, DNB, DM (Neuro Medicine) Associate Prof</td>
</tr>
<tr>
<td>Dr. Malay Kumar Sinha</td>
<td>DCH, MD Associate Prof</td>
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<tr>
<td>Dr. Sumantra Sarkar</td>
<td>MD Associate Prof</td>
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<tr>
<td>Dr. Anirban Chatterjee</td>
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</tr>
<tr>
<td>Dr. Sarbani Mishra</td>
<td>MD Assistant Prof</td>
</tr>
<tr>
<td>Dr. Subham Bhattacharya,</td>
<td>MD, DM (Clinical Hematology) Assistant Prof</td>
</tr>
<tr>
<td>Dr. Bidhan Chandra Roy</td>
<td>MD RMO-cum clinical tutor</td>
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<td>Dr. Anu Garg</td>
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<td>Dr. Bappaditya Das</td>
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<td>Dr. Gargi Das</td>
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<tr>
<td>Dr. Sanjukta Bhattacharya</td>
<td>DCH Medical Officer</td>
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Transfers and postings

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

Postgraduate trainees (MD Students)

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<td>Dr. Sudipta Dhak</td>
<td>Dr. Moumita Biswas</td>
<td>Dr. Ranjabati Datta</td>
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<td>Dr. Partha Pratim Pal</td>
<td>Dr. Asha Kalwar</td>
<td>Dr. Soumi Bag</td>
</tr>
<tr>
<td>Dr. Joydev Kisku</td>
<td>Dr. Rabindranath Dass</td>
<td>Dr. Kaushambi Basu</td>
</tr>
</tbody>
</table>

ACADEMIC ACTIVITIES

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

**Thesis topics**

- Dr Sudipta Dhak - Clinico-epidemiological study and laboratory profile of viral hepatitis A in children.
- Dr Partha Pratim Pal - Clinical profile and outcome of ADEM in Children
- Dr Joydev Kisku - Study of clinical profile of Wilson disease in children with special emphasis on Neuroimaging in Neurological presentation in a tertiary care centre.
- Dr. Arpan Saha - An epidemiological and clinico-pathological study of pediatric vasculitis in a tertiary referral center of Eastern India.
- Dr. Moumita Biswas - Study on risk factors for relapse in childhood nephrotic syndrome.
- Dr. Asha Kalwar - Study of association between respiratory tract infection and serum 25(OH) Vitamin D3 level in children of a tertiary care hospital.
- Dr. Rabindranath Dass - A study of clinico-etiological profile and neuroimaging of children with acute seizures admitted in a tertiary care hospital in Eastern India.
- Dr. Jayati Das - A Study On The clinico-epidemiological profile and outcome of pediatric snake bite victims in a tertiary referral centre.
- Dr. Ranjabati Datta - Study on prevalence of pulmonary hypertension in thalassaemia.
- Dr. Soumi Bag - Study on efficacy and safety of rituximab therapy in difficult to treat SDNS.

**Passed out MD PGTs in 2015**

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

**Academic achievements of PGTs and UG students in last 1year**

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

**Departmental Research**

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

**FACULTY NEWS**

**Prof. Supratim Datta**

**Publications**

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

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

Conference participation
• Chairperson in the Scientific Session, GastroPedicon 2016
• Faculty Panelist East Zone Pedicon 2016
• Delegate in the CME “Hemophilia in Children” in July 2016
• Delegate in the Pediatric Neurology CME, Park Children, Kolkata
• Delegate in the “Epilepsy Update” in Kolkata
• Delegate in the Annual CME of ICH, Kolkata

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

Prof. Sumana (Datta) Kanjilal

Publications

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

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

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

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

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

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

**Publications**

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

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

**Other Activities**
- Adjudicator of MD (ped) Thesis : S.S.Univ. of Health Sciences, Assam; Manipur University, Imphal; W. B. Univ. of Health Sciences
- Guide of Post-graduate (M.D., Ped) student.
- Expert Board Member in the Selection Committee for the interview of teaching Faculty-posts of Prof., Assoc Prof., Asstt. Prof. at ESIC-PGIMSR & Medical College, Joka, Kolkata.

**Dr. Sumantra Sarkar**

**Publications**
- Sarkar S, Misra S, Nandi M, Mondal R. A Misplaced Intramuscular Injection and Limb Threatening Ischemia accepted for publication in the Journal of Family Medicine and Primary Care

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

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

**State level Programs:**
- Attended as a Faculty in the Institutional awareness program on ZIKA Virus Disease at IPGMER, SSKM Hospital Kolkata under Govt. of West Bengal [March 2016]
• Attended as a State level Facilitator in the 2 day training program “Mother’s Absolute Affection” at Swasthyabhavan, under Govt. of West Bengal, Dept. of Health & family welfare and State Family Bureau in collaboration with National Rural Health Mission (NRHM).[Dec 2016]

• Other Activities
• Post Graduate Thesis Adjudicator and Examiner Final M.B.B.S Examination Part II (Pediatrics) under West Bengal University of Health Science, Kolkata

**Dr. Anirban Chatterjee**

**Publications**

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

**Dr. Sarbani Roy Misra**

**Publications**
- Sarkar S, Misra S, Nandi M, Mondal R. A Misplaced Intramuscular Injection and Limb Threatening Ischemia accepted for publication in the Journal of Family Medicine and Primary Care

**Conference and Training Programs attended:**
- ‘Delegate’ in the 23 East Zone & 35 WB Pedicon – held on 12,13 November 2016
- ‘Delegate’ in the 3rd ISPGHAN CON 2016 – held on 24,25 September 2016
- ‘Delegate’ in the meeting organized by Child Health foundation on” Polio Endgame& IPV Introduction in India: Critical Role of Medical Professionals”- held on 6th March, 2016.

**Dr. Bidhan Chandra Roy**

**Publications**

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

**Dr. Sanada Pati**

**Publications**

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

Total beds 90
- 60 beds at Alexandra ward, 4th floor Main building as General Pediatric and Specialty Pediatric Ward Including Oncology Ward
- 30 beds at Sambhu Nath Pandit Hospital

Total annual admission in Pediatric ward - 4141  [2945 in 2015 and 2550 in 2014]
Total annual death in ward - 242 (5.84%)  [159 (5.05%) in 2015 and 159 (6.24 %) in 2014]

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

**Pediatric Intensive Care Unit (PICU)**
8 bedded at present with a step down ward
- Total Admission in PICU - 366  [360 in 2015, 179 in 2014]
- Total patient ventilated - 140  [132 in 2015, 74 in 2014]
- Total patient recovered from critical illness - 262  [265 in 2015, 130 in 2014]
- Patient Survival Rate - 71.58%  [73.61 % in 2015, 72.6 % in 2014]
- Survival of ventilated patient - 49.3%  [49.3 % in 2015, 43.6 % in 2014]

**Pediatric medicine OPD and specialty clinic**
Located at the ground floor of Eastern Wing of Main Block since April 2014
- Total annual attendance of patients: 44633  [44686 in 2015, 32635 in 2014]
- Old patients - 16755  [21114 in 2015, 11742 in 2014]
- New patients - 27878   [23572 in 2015, 20893 in 2014]

**Admission days**

<table>
<thead>
<tr>
<th>Day</th>
<th>In-Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday</td>
<td>Dr. Sumana Kanjilal</td>
</tr>
<tr>
<td>Tuesday</td>
<td>Dr. Mrinal Kanti Das</td>
</tr>
<tr>
<td>Wednesday</td>
<td>Dr. Supratim Datta</td>
</tr>
<tr>
<td>Thursday</td>
<td>Dr. Dipankar Gupta</td>
</tr>
<tr>
<td>Friday</td>
<td>Dr. Malay Kumar Sinha</td>
</tr>
<tr>
<td>Saturday</td>
<td>Dr. Sumantra Sarkar</td>
</tr>
</tbody>
</table>

**Special clinics**

<table>
<thead>
<tr>
<th>Clinic</th>
<th>In-Charge</th>
<th>Day and time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pediatric Neurology</td>
<td>Dr. Dipankar Gupta</td>
<td>Thursday (1 - 2 pm)</td>
</tr>
<tr>
<td>Pediatric Pulmonology</td>
<td>Dr. Sumantra Sarkar</td>
<td>Saturday (1 - 2 pm)</td>
</tr>
</tbody>
</table>

**Well Baby & Immunization Clinic** - Every Wednesday and Friday

**Patient care service for the newborn babies in the annex institutes**
- Sambhu Nath Pundit Hospital - Regular round by the faculty staff for last 4 years.
- Khidirpur Maternity Home - Round the clock service by the doctors started from August 2014.

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

STAFF

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

Postdoctoral (MCh) trainees
Dr. Avijit Mitra M.S.  M.Ch. Trainee
Dr. Aneek Roychoudhury D.N.B.  M.Ch. Trainee
Dr. Nirup Biswas M.S.  M.Ch. Trainee
Dr. Soomak Biswas D.N.B.  M.Ch. Trainee

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

FACULTY NEWS

Dr. Ruchirendu Sarkar
Conference attended:
• AMASICON 2016, Science City, Kolkata: 16th -19th of November, 2016.

Dr. Rishavdeb Patra
Conference attended:
• AMASICON 2016, Science City, Kolkata: 16th -19th of November, 2016

Service information

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

<table>
<thead>
<tr>
<th>Total OPD cases</th>
<th>Total admissions</th>
<th>Total operations</th>
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</thead>
<tbody>
<tr>
<td>Paediatric Surgery</td>
<td>Pediatric Surgery: 1025</td>
<td>Pediatric Surgery: 1162</td>
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<tr>
<td>New: 6024</td>
<td></td>
<td>Emergency: 65</td>
</tr>
<tr>
<td>Old: 7800</td>
<td></td>
<td>Elective Major: 923</td>
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<td></td>
<td></td>
<td>Elective Minor: 174</td>
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Pathology

Faculty

<table>
<thead>
<tr>
<th>Faculty Name</th>
<th>Qualification</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. Manoj Kumar Choudhury</td>
<td>MBBS, MD</td>
<td>Professor &amp; HOD</td>
</tr>
<tr>
<td>Prof. Chhanda Datta</td>
<td>MBBS, MD</td>
<td>Professor</td>
</tr>
<tr>
<td>Prof. Mamata Guha Mallick</td>
<td>MBBS, MD</td>
<td>Professor</td>
</tr>
<tr>
<td>Prof. Madhumita Mukhopadhyay</td>
<td>MBBS, MD</td>
<td>Professor</td>
</tr>
<tr>
<td>Prof. Asim Kumar Manna</td>
<td>MBBS, Dip, BMS, MD</td>
<td>Professor</td>
</tr>
<tr>
<td>Prof. Uttara Chatterjee</td>
<td>MBBS, MD</td>
<td>Professor</td>
</tr>
<tr>
<td>Dr. Suchandra Ray</td>
<td>MBBS, MD</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. Debasish Chakraborty</td>
<td>MBBS, MD</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. Rama Saha</td>
<td>MBBS, DGO, MD</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. KeyaBasu</td>
<td>MBBS, MD</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. Mou Das</td>
<td>MBBS, MD</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Ram Narayan Das</td>
<td>MBBS, MD</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Manisha Sarkar</td>
<td>MBBS, MD</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Chhanda Das</td>
<td>MBBS, MD</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Moumita Sengupta</td>
<td>MBBS, MD</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Biswajit Kundu</td>
<td>MBBS, DO</td>
<td>Demonstrator</td>
</tr>
<tr>
<td>Dr. Madhumita Mondal</td>
<td>MBBS, MD</td>
<td>Demonstrator</td>
</tr>
<tr>
<td>Dr. Sumanta Bhattacharya</td>
<td>MBBS, MD</td>
<td>Demonstrator</td>
</tr>
<tr>
<td>Dr. Piyali Kundu</td>
<td>MBBS, MD</td>
<td>Demonstrator</td>
</tr>
<tr>
<td>Dr. Ayesha Afreen Islam</td>
<td>MBBS, MD</td>
<td>Demonstrator</td>
</tr>
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</table>

Postgraduate trainees (MD students)

<table>
<thead>
<tr>
<th>Session 2014-17</th>
<th>Session 2015-18</th>
<th>Session 2016-19</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Dipan Das</td>
<td>Dr. Priyanka Maity</td>
<td>Dr. G VinayAnand</td>
</tr>
<tr>
<td>Dr. Zeenat Ara</td>
<td>Dr. Tamanna Parvin</td>
<td>Dr. Chandradeep Mallik</td>
</tr>
<tr>
<td>Dr. Madhumita Paul</td>
<td>Dr. Diya Das</td>
<td>Dr. Kavita Jain</td>
</tr>
<tr>
<td>Dr. Adahra Patricia Beso</td>
<td>Dr. Ananya Biswas</td>
<td>Dr. Banhisikha Kanjlal</td>
</tr>
<tr>
<td>Dr. Piyali Podder</td>
<td>Dr. Nefolar Islam</td>
<td>Dr. Srijita Biswas</td>
</tr>
<tr>
<td>Dr. Goutam Bera</td>
<td>Dr. Soumendra Mishra</td>
<td>Dr. Ashish Jha</td>
</tr>
<tr>
<td>Dr. Mousumi Kar</td>
<td>Dr. Soumya Kanti Pramanik</td>
<td>Dr. Suparna De</td>
</tr>
<tr>
<td>Dr. Madhu Kumari</td>
<td>Dr. Tushar Kanti Das</td>
<td>Dr. Afreen Nahar Begum</td>
</tr>
<tr>
<td>Dr. Soma Sabui</td>
<td>Dr. Pratap Mondal</td>
<td>Dr. Tribarna Sinha</td>
</tr>
<tr>
<td>Dr. Moumita Chatterjee</td>
<td>Dr. Sucharita Sarkar</td>
<td></td>
</tr>
</tbody>
</table>

FACULTY NEWS

- Prof. Manoj Kumar Choudhury has acted as an external-expert in selection of the facultiesin PGI, Chandigarh & also as a MD examiner in the same institute.
- Prof. Chhanda Datta has acted as an MD examiner in the same institute in the last academic session.
- Prof. Mamata Guha Mallick (Sinha) has acted as an external examiner in MD pathology examination at Sri Krishna Medical College, Muzaffarpur and has also been an examiner for 2nd MBBS professional examination in Sichar and MGM Medical College, Kishangunj.
- Prof. Madhumita Mukhopadhyay has acted as an external examiner in DNB pathology examination in Government Medical College, Chandigarh and also convener of MBBS examination under WBUHS.
- Prof. Asim Kumar Manna has acted as internal examiner of MBBS examination under WBUHS.
• Prof. Uttara Chatterjee delivered lectures in Hyderabad at the Annual Conference of ISNCON in April 2016 and in the West Bengal chapter of the annual IAPM conference in September 2016, held at NRS Medical College.
• Dr. Debasish Chakraborty has acted as an external examiner in MBBS in Silchar.
• Dr. Keya Basu acted as internal examiner of DMLT final examination under State Medical Faculty.
• Dr. Chhanda Das has enrolled for PhD under Calcutta University in 2016.

REGULAR ACADEMIC ACTIVITIES

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

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

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

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

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

STUDENT AND RESEARCH SCHOLAR INFORMATION

14 students have successfully completed MD Pathology course in 2016.

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

RESEARCH PROGRAMS

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

• “Role of calretinin in Hirschsprung disease in infants” from WBDST under Prof. Madhumita Mukhopadhyay.
• “Role of IDH1 in glial tumors” from WBDBT under Prof. Chhanda Datta and Prof. Uttara Chatterjee.

<table>
<thead>
<tr>
<th>Thesis projects ongoing</th>
<th>Student</th>
<th>Guide</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Dipan Das</td>
<td>Dr. Keya Basu</td>
<td>Local and systemic imbalance of CD4+ t cells in granulomatous colitis.</td>
<td></td>
</tr>
<tr>
<td>Dr. Zeenat Ara</td>
<td>Dr. Debasish Chakraborty</td>
<td>Comparative analysis of histomorphology of urinary bladder carcinoma with special reference to p63 and CK 20 expression in a tertiary care hospital.</td>
<td></td>
</tr>
<tr>
<td>Dr. Madhumita Paul</td>
<td>Dr. S. Roy</td>
<td>Clinicopathological evaluation of sinonasal lesions among patients presenting in a tertiary care hospital with special reference to immunohistochemical marker Ki-67.</td>
<td></td>
</tr>
<tr>
<td>Dr. Adahra Patricia Beso</td>
<td>Dr. R. Saha</td>
<td>Study of malignant gastric neoplasm and its peritoneal metastases in relation with serum ca125 level.</td>
<td></td>
</tr>
<tr>
<td>Dr. Piyali Podder</td>
<td>Prof. Chhandra Datta</td>
<td>Ki-67 labelling index, her2/neu overexpression and androgen receptor status in prostate carcinoma - a core needle based study in a tertiary care hospital.</td>
<td></td>
</tr>
<tr>
<td>Dr. Goutam Bera</td>
<td>Prof. Uttara Chatterjee</td>
<td>Clinicopathological study of hepatoblastoma and its correlation with expression of beta-catenin and proliferative indices.</td>
<td></td>
</tr>
<tr>
<td>Dr. Mousumi Kar</td>
<td>Prof. M. K. Chowdhuri</td>
<td>Study on diagnostic role of desmin &amp; comparative analysis of expression of her-2-neu &amp; cadherin with respect to myoinvasion in urothelial carcinoma of urinary bladder.</td>
<td></td>
</tr>
<tr>
<td>Dr. Madhu Kumari</td>
<td>Prof. Madhumita Mukhopadhay</td>
<td>Study on genetic polymorphism of RET proto oncogene in Hirschsprung’s disease in children.</td>
<td></td>
</tr>
<tr>
<td>Dr. Soma Sabui</td>
<td>Prof. A. K. Manna</td>
<td>Clinicopathological study of Hodgkin Lymphoma with special reference to nodular lymphocyte predominant Hodgkin Lymphoma.</td>
<td></td>
</tr>
<tr>
<td>Dr. Moumita Chatterjee</td>
<td>Prof. P. K. Mitra</td>
<td>A clinicopathological and immunofluorescence study of intraepidermal immunobullous diseases in a tertiary referral centre of eastern India.</td>
<td></td>
</tr>
<tr>
<td>Dr. Priyanka Maity</td>
<td>Dr. Debasish Chakraborty</td>
<td>Evaluation of squash cytology of lesions of spinal cord and surrounding tissue and co relation with histopathology with special reference to Ki67 and P53.</td>
<td></td>
</tr>
<tr>
<td>Dr. Tamanna Parvin</td>
<td>Prof. Manoj Kr. Chaudhuri</td>
<td>Study of Cyclin D1 as a prognostic marker in invasive breast carcinoma and its correlation with other prognostic and predictive factors.</td>
<td></td>
</tr>
<tr>
<td>Dr. Diya Das</td>
<td>Dr. Chhanda Datta</td>
<td>Immunohistochemical markers for diagnosis and prognostication of prostatic adenocarcinoma: a core needle biopsy based study in a tertiary care hospital of Eastern India.</td>
<td></td>
</tr>
<tr>
<td>Dr. Ananya Biswas</td>
<td>Dr. Keya Basu</td>
<td>Evaluation of diagnostic and prognostic role of TIRADS classification, Bethesda classification, histopathological examination and serological markers in a solitary thyroid nodule.</td>
<td></td>
</tr>
<tr>
<td>Dr. Nelofar Islam</td>
<td>Prof Uttara Chatterjee</td>
<td>Correlation between FNAC and trucut biopsy in pediatric soft tissue tumors with special reference to immunohistochemistry.</td>
<td></td>
</tr>
<tr>
<td>Dr. Soumendra Mishra</td>
<td>Dr. Suchandra Ray</td>
<td>Cytological and histological correlation of salivary gland tumors among patients presenting in a tertiary care hospital and role of immunostains (P-63, Calponin &amp; Ki-67) in the diagnosis.</td>
<td></td>
</tr>
<tr>
<td>Dr. Soumya Kanti Pramanik</td>
<td>Prof. M. G. Mallick (Sinha)</td>
<td>Clinico-pathological evaluation of malignant epithelial ovarian tumors and their correlation with serum amylase and tumor markers CA 125, CA 19-9; Along with tissue expression of CK 7, CK 20 and WT 1.</td>
<td></td>
</tr>
<tr>
<td>Dr. Tushar Kanti Das</td>
<td>Dr. Rama Saha</td>
<td>Clinicopathological study of mediastinal mass lesion along with special reference to immunostain OCT3/4, LCA &amp; S-100</td>
<td></td>
</tr>
<tr>
<td>Dr. Pratap Mondal</td>
<td>Prof. Madhumita Mukhopadhay</td>
<td>Spectrum of pituitary tumor in a tertiary care hospital with evaluation of prognostic utility of MGMT, Ki-67 &amp; p-53 expression</td>
<td></td>
</tr>
<tr>
<td>Dr. Sucharita Sarkar</td>
<td>Prof. A. K. Manna</td>
<td>Cytological, histological, immunohistochemical study of ascitic fluid with special reference to differential diagnosis.</td>
<td></td>
</tr>
<tr>
<td>Dr. G. Vinay Anand</td>
<td>Prof. M. G. Mallick (Sinha)</td>
<td>Study of clinicopathological variables in peripampillary tumors with special reference to Ki 67 proliferative index and intratumoral microvesseled density.</td>
<td></td>
</tr>
<tr>
<td>Dr. Chandradeep Mallik</td>
<td>Prof. A. K. Manna</td>
<td>A study of platelet indices in differential diagnosis of thrombocytopenia.</td>
<td></td>
</tr>
<tr>
<td>Dr. Kavita Jain</td>
<td>Prof. Chhanda Datta</td>
<td>Role of liquid based cytology in diagnosis of urothelial carcinoma with special reference to urinary biomarkers in a tertiary care hospital.</td>
<td></td>
</tr>
<tr>
<td>Dr. Ashish Jha</td>
<td>Dr. Suchandra Ray</td>
<td>Changes in endometrium in peri menopausal and post menopausal women with prognostic and diagnostic significance of p53 and PTEN in hyperplastic and neoplastic lesions.</td>
<td></td>
</tr>
<tr>
<td>----------------</td>
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<td></td>
</tr>
<tr>
<td>Dr. Banhisikha Kanjilal</td>
<td>Prof. Uttara Chatterjee</td>
<td>Utility of cell block preparation in diagnosis of pediatric abdominal neoplasms with special reference to immunohistochemistry</td>
<td></td>
</tr>
<tr>
<td>Dr. Srijita Biswas</td>
<td>Dr. Debasish Chakraborty</td>
<td>Correlation of epithelial changes of fallopian tube with surface epithelial tumors of ovary with reference to Ki 67 and p53 immunostain.</td>
<td></td>
</tr>
<tr>
<td>Dr. Suparna De</td>
<td>Dr. Keya Basu</td>
<td>Spectrum of histopathological changes in renal biopsies of non-neoplastic kidney diseases in adult population with special reference to immunofluorescence in a tertiary care referral centre.</td>
<td></td>
</tr>
<tr>
<td>Dr. Afrin Nahar Begum</td>
<td>Dr. Rama Saha</td>
<td>Clinicopathological study of ovarian neoplasm in a tertiary care hospital with special reference to HE4 immunohistochemical expression.</td>
<td></td>
</tr>
<tr>
<td>Dr. Tribarna Sinha</td>
<td>Prof. Madhumita Mukhopadhyay</td>
<td>Spectrum of EGFR mutation and ALK rearrangement in non small cell carcinoma of lung.</td>
<td></td>
</tr>
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</table>

**SERVICE INFORMATION**

From January 2016 to November 2016

<table>
<thead>
<tr>
<th>Routine investigations</th>
<th>Blood 41286</th>
<th>Urine 27188</th>
<th>Stool</th>
<th>CSF &amp; other fluids 3010</th>
<th>Malaria 5302</th>
<th>Prothrombin Time 10235</th>
<th>Blood grouping 4710</th>
<th>Total 94731</th>
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<tr>
<td>Hematology</td>
<td>Blood 89316</td>
<td>Bone marrow 470</td>
<td>Special tests 8210</td>
<td>Total 97996</td>
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<td>Cytopathology</td>
<td>FNAC including CT &amp; USG guided and review 3102</td>
<td>Fluid &amp; exfoliative cytology 4250</td>
<td>Review 184</td>
<td>Total 7546</td>
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<td>Serology, chemical pathology and HLA typing</td>
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<td></td>
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<tr>
<td>Grand Total</td>
<td>2,38,266</td>
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**Thalassemia screening**

<table>
<thead>
<tr>
<th>Total screened</th>
<th>Normal 4581</th>
<th>β thalassemia carrier 430</th>
<th>HbE carrier 255</th>
<th>HbS carrier 16</th>
<th>β thalassemia 14</th>
<th>HbS-β thalassemia 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal 4581</td>
<td>β thalassemia carrier 430</td>
<td>HbE carrier 255</td>
<td>HbS carrier 16</td>
<td>β thalassemia 14</td>
<td>HbS-β thalassemia 8</td>
<td></td>
</tr>
<tr>
<td>Total 5304</td>
<td>Normal 4581</td>
<td>β thalassemia carrier 430</td>
<td>HbE carrier 255</td>
<td>HbS carrier 16</td>
<td>β thalassemia 14</td>
<td>HbS-β thalassemia 8</td>
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</table>
## Pharmacology

### 1. Staff & Scholars

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Post / Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof Amal Kanti Das MBBS, MD</td>
<td>Professor &amp; Head</td>
</tr>
<tr>
<td>Prof. Mitali Chatterjee MBBS, MD, PhD, MAMS</td>
<td>Professor</td>
</tr>
<tr>
<td>Prof. Suparna Chatterjee MBBS, DTMH, MD</td>
<td>Professor</td>
</tr>
<tr>
<td>Prof. Avijit Hazra MBBS, MD</td>
<td>Professor</td>
</tr>
<tr>
<td>Dr. Amrita Sil MBBS, MD</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Avijit Kundu MBBS, MD</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Tridib Kumar Ray MBBS</td>
<td>Demonstrator</td>
</tr>
<tr>
<td>Dr. Chaitali Sengupta MBBS</td>
<td>Demonstrator</td>
</tr>
<tr>
<td>Dr. Sreya Todi MBBS</td>
<td>Demonstrator</td>
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<table>
<thead>
<tr>
<th>Postgraduate trainees</th>
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<tbody>
<tr>
<td>Dr. Bikramjit Barkondaj MBBS</td>
<td>MD PGT 2013-16</td>
</tr>
<tr>
<td>Dr. Nafisha Yasmin MBBS</td>
<td>MD PGT 2013-16</td>
</tr>
<tr>
<td>Dr. Subhrangsu Chatterjee MBBS</td>
<td>MD PGT 2013-16</td>
</tr>
<tr>
<td>Dr. Lily Dubey MBBS</td>
<td>MD PGT 2013-16</td>
</tr>
<tr>
<td>Dr. Chandrakona Bandypadhyay MBBS, DLO</td>
<td>MD PGT 2013-16</td>
</tr>
<tr>
<td>Dr. Vivek Kumar Verma MBBS</td>
<td>MD PGT 2013-16</td>
</tr>
<tr>
<td>Dr. Manjari Kumar MBBS</td>
<td>MD PGT 2014-17</td>
</tr>
<tr>
<td>Dr. Amritendu Mondal MBBS</td>
<td>MD PGT 2014-17</td>
</tr>
<tr>
<td>Dr. Anindita Pal MBBS</td>
<td>MD PGT 2014-17</td>
</tr>
<tr>
<td>Dr. Banhishikha Adhikary MBBS</td>
<td>MD PGT 2014-17</td>
</tr>
<tr>
<td>Dr. Monalisa Dhuya MBBS</td>
<td>MD PGT 2014-17</td>
</tr>
<tr>
<td>Dr. Prajesh Kiran Bhunya MBBS</td>
<td>MD PGT 2015-18</td>
</tr>
<tr>
<td>Dr. Shouvik Choudhury MBBS</td>
<td>MD PGT 2015-18</td>
</tr>
<tr>
<td>Dr. Sandeep Lahiry MBBS</td>
<td>MD PGT 2015-18</td>
</tr>
<tr>
<td>Dr. Ayan Mukherjee MBBS</td>
<td>MD PGT 2015-18</td>
</tr>
<tr>
<td>Dr. Moumita Bala MBBS</td>
<td>MD PGT 2015-18</td>
</tr>
<tr>
<td>Dr. Koustuv Chowdhury MBBS</td>
<td>MD PGT 2015-18</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Research scholars</th>
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</thead>
<tbody>
<tr>
<td>Dr. Tapas Kumar Sur MSc, PhD</td>
<td>Postdoctoral Research Scholar</td>
</tr>
<tr>
<td>Mr. Shibabrata Mukherjee MSc</td>
<td>Senior Research Fellow</td>
</tr>
<tr>
<td>Ms. Soumita De M Pharm</td>
<td>Senior Research Fellow</td>
</tr>
<tr>
<td>Ms. Sritama De Sarkar MSc</td>
<td>Senior Research Fellow</td>
</tr>
<tr>
<td>Ms. Sneha Mitra MSc</td>
<td>Senior Research Fellow</td>
</tr>
<tr>
<td>Ms. Srijita Moulik MSc</td>
<td>Senior Research Fellow</td>
</tr>
<tr>
<td>Dr. Bishnu Prasad Sinha MVSc</td>
<td>Senior Research Fellow</td>
</tr>
<tr>
<td>Mr. Debkanta Dey MSc</td>
<td>Junior Research Fellow</td>
</tr>
<tr>
<td>Ms. Aishwarya Dighal MSc</td>
<td>Junior Research Fellow</td>
</tr>
<tr>
<td>Mr. Ayan Pradhan MSc</td>
<td>Junior Research Fellow</td>
</tr>
<tr>
<td>Ms. Ritika Sengupta MSc</td>
<td>Junior Research Fellow</td>
</tr>
<tr>
<td>Mr. Bodhisatta Chakraborty</td>
<td>Technical Associate – Pharmacovigilance Programme of India (pvPI)</td>
</tr>
<tr>
<td>Mr. Sampath Kumar</td>
<td>Pharmacovigilance Associate – PvPI</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Medical Technologists (Laboratory)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr. Debadityoty Pahari</td>
<td>M.T. (Lab) Transferred out on 17.10.2016</td>
</tr>
<tr>
<td>Mr. Anup Samanta</td>
<td>M.T. (Lab)</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Other non-teaching staff</th>
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<tbody>
<tr>
<td>Mr. Tapan Kumar Ghosh</td>
<td>GDA Transferred out on 04.08.2016</td>
</tr>
<tr>
<td>Mr. Md. Rahatulla</td>
<td>GDA</td>
</tr>
</tbody>
</table>
2. Transfers and postings
Nil for faculty.

3. Faculty news

Prof. Amal Kanti Das
- Served as Dean of Student Affairs, IPGME&R, Kolkata.
- Served as Member, Library Committee, Medical Education Committee, Anti-Ragging Committee and Institutional Animal Ethics Committee of IPGME&R, Kolkata.
- Convener, Merit cum Means Scholarship Award Committee of IPGME&R, Kolkata.
- Examiner in pharmacology for 2nd MBBS examination of The West Bengal University of Health Sciences, Kolkata.
- Centre-in-Charge for Professional MBBS Examinations and other University examinations at IPGME&R, Kolkata.
- MD Pharmacology Thesis Adjudicator for the West Bengal University of Health Sciences, Kolkata.
- Served as Member, Pharmacist Selection Panel of the Indian Institute of Science Education & Research (IISER), Shibpur, Howrah.
- Served as member of various expert panels appointed by Government of West Bengal for inspections and enquiries.

Prof. Mitali Chatterjee
- Elected Fellow, Indian Academy of Sciences, India (FNASC).
- Awarded Kshanika Oration Award (for 2013) of Indian Council of Medical Research, Govt. of India.
- Invited speaker, “Evaluation of the oxidant status of patients with Rheumatoid arthritis as a potential biomarker for disease progression”, Cyto 2016, Seattle, USA, June 2016
- Invited Speaker “Plant derived pro-oxidant compounds against Leishmaniasis' Kalyani University
- Invited speaker, “Exploring the potential of plant derived anti-oxidants as an ‘add on therapy’ in Rheumatoid arthritis”, West Bengal State University, Feb 2017
- Invited speaker ‘Tracking the evasion strategies adopted by the Leishmania parasite’, Mumbai
- Served as Member, Life Sciences Committee, ‘Funds for Improvement of S&T Infrastructure in Universities and Higher Educational Institutions (FIST)’ Program, Dept. of Science & Technology, Govt. of India
- Serving as Member, State Level Task Force for Kala Azar in West Bengal
- Serving as Member, Departmental Technical Advisory Committee (R&D), Dept. of Biotechnology, Govt. of West Bengal
- President, The Cytometry Society of India, 2015-17.
- Served as Examining Officer for Pharmacology examination, 2nd MBBS, West Bengal Univ. of Health Sciences
- Served as MPhil/PhD examiner, Calcutta University, Jadavpur University, Kolkata, Jawaharlal Nehru University, New Delhi and WB Animal & Fishery Sciences, Kolkata.
- Acted as Coordinating Member of the Animal Ethics Committee of IPGME&R, Kolkata and served as Member, Biosafety Committee, Indian Institute of Chemical Biology, CSIR, Kolkata.
- Served as Examiner for Pharmacology examination, 2nd MBBS, West Bengal Univ. of Health Sciences
- Served as MPhil/PhD examiner, Calcutta University, Jadavpur University, Kolkata, Jawaharlal Nehru University, New Delhi and WB Animal & Fishery Sciences, Kolkata.
- Acted as Coordinating Member of the Animal Ethics Committee of IPGME&R, Kolkata and served as Member, Biosafety Committee, Indian Institute of Chemical Biology, CSIR, Kolkata.
- Adjunct Faculty, Biomedical Genomics Centre, Kolkata
- Guest Faculty for MS Pharmaceutical Sciences course of National Institute of Pharmaceutical Education & Research (NIPER), Kolkata.

In addition to projects of concerned MD pharmacology students, served as Principal Investigator / Supervisor of the following projects
<table>
<thead>
<tr>
<th>SN</th>
<th>Title of the project</th>
<th>Duration</th>
<th>Funding agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Evaluation of molecular and diagnostic markers for monitoring of post kala-azar dermal leishmaniasis (PKDL) in West Bengal.</td>
<td>2012-16</td>
<td>ICMR, Govt. of India</td>
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<tr>
<td>2</td>
<td>A transcriptomic approach to identify clinico-immunological determinants of Post Kala-azar Dermal Leishmaniasis</td>
<td>2016-19</td>
<td>Dept. of Health Research, Govt. of India</td>
</tr>
<tr>
<td>3</td>
<td>Evaluation of Bioenergetic functions in mitochondria of <em>Leishmania</em> parasites and mammalian macrophages</td>
<td>2017-19</td>
<td>DST, Govt. of India</td>
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<tr>
<td>4</td>
<td>Towards a global research network for the molecular pathological stratification of leishmaniasis</td>
<td>2017-19</td>
<td>Global Challenges Research Fund, Medical Research Council. As Co-Investigator, PI being Prof. Paul Kaye, Centre for Immunology &amp; Infection, Univ. of York Medical School, UK</td>
</tr>
</tbody>
</table>

**Prof. Suparna Chatterjee**

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

- Recipient of R. N. Chopra Oration Award 2016 of the Indian Pharmacological Society.
- Recipient of P. K. Kar Oration Award 2016 of the Indian Pharmacological Society, Odisha State Branch.
- Served as Member Secretary, Institutional Ethics Committee, IPGME&R, Kolkata.
- Member, Institutional Ethics Committee of National Research Institute of Ayurveda for Drug Development (NRIADD), Kolkata, Nightingale Hospital, Kolkata, Peerless Hospital Kolkata, Eye Care & Research Institute, Kolkata, Health Point Hospital, Kolkata and Chairperson, National Allergy Asthma & Bronchitis Institute (NAABI), Kolkata.
- Deputy Coordinator of ADR Monitoring centre (AMC) of the Government of India Pharmacovigilance Program of India (PvPI) at IPGME&R, Kolkata.
- Member, Library Committee, Pharmacovigilance Committee and Merit cum Means Scholarship Award Committee of IPGME&R, Kolkata.
- Examiner in pharmacology for MBBS examination of medical / dental streams of The West Bengal University of Health Sciences and other universities.
- Faculty for the Medical and Dental Teachers Training Courses organized by the Institute of Health & Family Welfare, Government of West Bengal.
- Faculty for the ATCOM skill workshops for nurses organized by the Institute of Health & Family Welfare, Government of West Bengal.
- Guest Faculty for MS Pharmaceutical Sciences course of National Institute of Pharmaceutical Education & Research (NIPER), Kolkata, MSc Neuroscience course of University of Calcutta, Diploma in Clinical Research & Regulatory Affairs course of Jadavpur University, Kolkata and Diploma in Clinical Research course of AMRI Hospital, Kolkata.
- Paper-setter for examinations in pharmacology conducted by the West Bengal University of Health Sciences and paramedical courses conducted by West Bengal State Medical Faculty.
- Served as statistical consultant for various departments of IPGME&R, Kolkata. Also associated with a few projects of other institutions as statistical advisor.
- MD Pharmacology Examiner for KIIT University at Kalinga Institute of Medical Sciences (KIMS), Bhubaneswar.
- Feb 12: Faculty for workshop on ‘Scientific Research Methodology and Biostatistics’ as part of 4th IHTM Masterclass at Institute of Immunohematology & Transfusion Medicine, Medical College, Kolkata. [Originally scheduled on 05.02.2016].
- Feb 17: Faculty for workshop on ‘Pharmacovigilance and Medicine Safety’ organized as preconference workshop to 25th Annual Conference of IPS West Bengal Branch by Dept. of Pharmacology, R. G. Kar Medical College, Kolkata.
- Mar 17: Faculty for GCP workshop organized by Medical Education Unit, Medical College, Kolkata.
- Mar 21: Lead faculty for workshop on ‘Pharmacovigilance’ organized by Medical Education Unit, Tripura Medical College & Dr. B. R. Ambedkar Memorial Hospital, Hapania, Tripura.
- Apr 27. Served as faculty for the awareness program ‘Current Ethical & Regulatory Requirements for Clinical Trials’ organized at Tata Medical Centre, Kolkata, by Clinical Development Services Agency (CDSA), an extramural unit of Translational Health Science & Technology Institute (THSTI), Department of Biotechnology, Govt. of India.
- May 14: Attended as panelist, panel discussion on ‘Dermatophytosis and its management: the current scenario’, organized by M/s Sun Pharmaceuticals at HHI, Kolkata. Programme coordinated by Prof. Sumit Sen, Dept. of Dermatology, IPGME&R, Kolkata.
- Jun 11: Participated as faculty in Basic Workshop on ‘The Principles and Practice of Clinical Research organized by the Department of Orthopedics, Medical College, Kolkata.
- Jul 1-2: Conducted Research Methodology & Biostatistics Workshop on behalf of Medical Education Unit, IPGME&R.
- Sep 8: Faculty at Workshop on Pharmacovigilance organized by Agartala Government Medical College at Agartala, Tripura.
- Sep 9: Principal faculty at Workshop on Biostatistics organized by Agartala Government Medical College at Agartala, Tripura.
- Oct 2: Served as Faculty for Research Methodology workshop organized as part of 23rd Annual Conference of Association of Physicians of India (API) WB Chapter and 1st International Conference of Indian College of Physicians in Kolkata.

Nov 4-5: Attended 4th National Conference of Forum for Ethics Review Committees in India (FerciCon 2016), organized by Department of Pharmacology, School of Tropical Medicine (STM), Kolkata (in collaboration with UNESCO Chair in Bioethics, Haifa, Melbourne, Australia and Bioequivalence Study Centre, Jadavpur University, Kolkata) at Jadavpur University. Conducted Quiz on Bioethics and summarized Pre-conference Satellite Event ‘Teaching research ethics to medical, dental and health science students’ organized on Nov 3 at STM, Kolkata.

Nov 26: Attended 26th Annual Conference of Indian Pharmacological Society Odisha State Branch at MKCG Medical College, Brahmapur, Odisha. Delivered Prof. Prafulla Kumar Kar Oration. Chaired Multidisciplinary Symposium on Geriatric Medicine

Dec 3: Faculty for symposium ‘Methods in research’ at 3rd PGCON (A conference for resident doctors & PG teachers) organized by IADVL WB State Branch, under auspices of IADVL Academy, at IPGME&R, Kolkata

Dec 9: Served as faculty at ‘Training Program in Pharmacovigilance’ at IPGME&R Kolkata. Program organized by Dept. of Pharmacology, IPGME&R, Kolkata and supported by Indian Pharmacopoeia Commission, Ghaziabad.

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

<table>
<thead>
<tr>
<th>SN</th>
<th>Title of the project</th>
<th>Duration</th>
<th>Funding agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Assessment of environmental contaminants in raw herbal materials used in medicinal products in West Bengal. [Ongoing; Principal Investigator]</td>
<td>2015-17</td>
<td>DST, Govt. of West Bengal</td>
</tr>
<tr>
<td>2</td>
<td>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]</td>
<td>2010-15</td>
<td>Nil</td>
</tr>
</tbody>
</table>

**Dr. Amrita Sil**

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

- Projects ongoing or recently completed.

<table>
<thead>
<tr>
<th>SN</th>
<th>Title of the project</th>
<th>Duration</th>
<th>Funding agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Subcutaneous AST in chronic urticaria [Co-Investigator]</td>
<td>2015-16</td>
<td>Nil.</td>
</tr>
<tr>
<td>5</td>
<td>Molecular epidemiological study for evaluating role of potential host factors as markers of susceptibility of leprosy in West Bengal, India. [Co-Investigator]</td>
<td>2013-15</td>
<td>DST Govt. of West Bengal</td>
</tr>
</tbody>
</table>
Dr. Tridib Kumar Ray

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

Dr. Sreya Todi

- Conferences / workshops attended:
  - Research Methodology & Biostatistics Workshop conducted by the Department on Jul 1-2, 2016.
  - Training program in Pharmacovigilance on 09.12.2016 held at East Zone Regional Centre for training and technical support, Department of Pharmacology, IPGME&R, Kolkata.

Publication by faculty, students and research scholars

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

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

The department also undertook regular classes for BSc Nursing students of IPGME&R School of Nursing, Bachelor of Physiotherapy students of IPGME&R and students of various paramedical diploma courses posted in IPGME&R. The postgraduate medical students shared a large part of the teaching responsibility of these students.

5. Research projects and grants

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

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

6. Theses publication, student and research scholar information

The following theses were successfully defended at the MD Pharmacology examination of the West Bengal University of Health Sciences, in April-May, 2016, leading to award of MD degree.

- **Lily Dubey**  
  An observational study to evaluate the hematological and hepatic adverse effects of long term low dose methotrexate therapy in Rheumatoid Arthritis patients of India.

- **Subhrangsu Chatterjee**  
  A randomized controlled trial of topical mupirocin versus mupirocin with bromelain combination in chronic skin ulcers.

- **Bikramjit Barkondaj**  
  Role of dipeptidyl peptidase-4 (DPP-4) in pathophysiology of chronic liver disease.

- **Nafisha Yasmin**  
  Effect of malabaricones on multidrug resistant / sensitive cancer cell lines.

- **Chandrakana Bandyopadhyay**  
  Antitumor effect of malabaricones in Ehrlich ascites carcinoma (EAC) in mice.

- **Vivek Kumar Verma**  
  An observational study to evaluate epidemiological trends of acute poisoning and drug overdosage in a tertiary care hospital of West Bengal.

Drs. Pradipta Das, Dwaipayan Sarathi Chakraborty, Donik Peter, Sudipta Ghosh, Kousik Mishra (Service PGT) and Subrata Ray (service PGT) joined the department as new MD PGTs.

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

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

Other research scholars are pursuing projects as stated below:

<table>
<thead>
<tr>
<th>SN</th>
<th>Name</th>
<th>Fellowship and Guide</th>
<th>Title of research</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Ms. Sritama De Sarkar</td>
<td>CTPL, India Prof. Mitali Chatterjee</td>
<td>Modulation of the cellular redox status as a chemotherapeutic strategy</td>
</tr>
<tr>
<td>2</td>
<td>Ms. Sneha Mitra</td>
<td>INSPIRE (DST, Govt. of India) Prof. Suparna Chatterjee &amp; Prof. Mitali Chatterjee</td>
<td>Evaluation of redox status and immune regulation markers in vitiligo</td>
</tr>
<tr>
<td>3</td>
<td>Ms. Srija Moulik</td>
<td>GLRA-INDIA Prof. Mitali Chatterjee</td>
<td>Identification of lesional biomarkers in Indian Leishmaniasis.</td>
</tr>
<tr>
<td>4</td>
<td>Ms. Debkanya Dey</td>
<td>ICMR, DHR, Govt. of India Prof. Mitali Chatterjee</td>
<td>Transcriptomic profiling of patients with post kalaazar dermal Leishmaniasis.</td>
</tr>
<tr>
<td>5</td>
<td>Ms. Aishwarya Dighal</td>
<td>CSIR-UGC NET (UGC-JRF) Prof. Mitali Chatterjee</td>
<td>Iron based chemotherapeutic modalities in Leishmaniasis.</td>
</tr>
<tr>
<td>6</td>
<td>Mr. Ayan Pradhan</td>
<td>Prof. Mitali Chatterjee</td>
<td>Evaluation of markers of oxidative damage in rheumatoid arthritis.</td>
</tr>
<tr>
<td>6</td>
<td>Ms. Ritika Sengupta</td>
<td>ICMR - JRF Prof. Mitali Chatterjee</td>
<td>Comparison of clinico-immunological responses of macular versus polymorphic Indian Post Kala Azar Dermal Leishmaniasis.</td>
</tr>
<tr>
<td>8</td>
<td>Tapas Kumar Sur</td>
<td>DST, Govt. of West Bengal Dr. Avijit Hazra</td>
<td>Assessment of environmental contaminants in raw herbal materials used in medicinal products in West Bengal.</td>
</tr>
</tbody>
</table>

Ms. Susmita Ghosh MSc, Mr. Shibabrata Mukherjee MSc and Ms. Soumita De M. Pharm, research scholars under supervision of Prof. Mitali Chatterjee, were awarded PhD degree in 2016.

7. Other information - Programs / Conferences / Workshops

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

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

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

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

Staff

A) Faculty

Dr. Rathindranath Haldar MD (Cal), WHO Fellow  Professor & HOD
Dr. Pallab Das; MD (Cal), MRCP (UK)  Associate Professor
Dr. Rajesh Pramanik; MD (Cal), MRCP (UK)  Associate Professor
Dr. Asoke Kumar Middya; MD (Cal)  Associate Professor
Dr. Firdaus Kamal MD (Cal)  Associate Professor
Dr. Tanvir Ahmed MD (Cal)  Assistant Professor
Dr. Aniketa Banerjee MD (Cal)  Assistant Professor
Dr. Saumen Kumar De DNB (NBE)  Assistant Professor
Dr. Debanjan Ghorai MD (PMR)  Assistant Professor
Dr. Vasundhara Ghosal DNB (NBE)  Assistant Professor
Dr. Jaya Tirkey MBBS (Cal)  RMO cum Clinical Tutor

B) Postgraduate (MD) trainees

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

C) Physiotherapy unit

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

FACULTY NEWS

Prof. R. N. Haldar

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

Dr. Pallab Das

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

Dr. Rajesh Pramanik

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

**Dr. Firdaus Kamal**
- Attended State conference of IRA (WB Branch) in the year 2016.

**Dr. Tanvir Ahmed**
- Attended State Conference of IRA (WB Branch) in the year 2016.

**Dr. A. Banerjee**
- Attended State Conference of IRA (WB Branch) in the year 2016.

**Dr. Saumen Kumar De**
- Attended State conference of IRA (WB Branch) in the year 2015.
- Attended 44th Annual National Conference of IAPMR (IAPMRCN-16), held in IMPHAL in February, 2016.

**Dr. Vasundhara Ghosal**
- Attended State Conference of IRA (WB Branch) in the year 2016.

**REGULAR DEPARTMENTAL ACTIVITIES**

**Indoor service**: Comprehensive rehabilitation is going in indoor mostly for subacute rehabilitation care of neurological disability due to stroke, traumatic brain injury, spinal cord injury, GB syndrome, peripheral neuropathy, myasthenia gravis and musculoskeletal disability due to traumatic and inflammatory disorders. Daily physiatric assessment, expertise focused therapy, proper orthotic and prosthetic fitting and physiatric intervention, including regional block, specific pain intervention, phenol block offered to our differently abled patients. We have thirty PMR indoor beds. So far bed occupancy and turn over rate are also encouraging for us.

**Clinical and academic schedule**

<table>
<thead>
<tr>
<th>Days</th>
<th>Forenoon</th>
<th>Afternoon</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday</td>
<td>OPD</td>
<td>Injection</td>
</tr>
<tr>
<td>Tuesday</td>
<td>OPD</td>
<td>Case presentation</td>
</tr>
<tr>
<td>Wednesday</td>
<td>OPD</td>
<td>TCC/ Foot assessment, NCV</td>
</tr>
<tr>
<td>Thursday</td>
<td>Journal club / Injections</td>
<td>OA clinic</td>
</tr>
<tr>
<td>Friday</td>
<td>OPD</td>
<td>Muscle testing, NCV</td>
</tr>
<tr>
<td>Saturday</td>
<td>Seminar / Classes</td>
<td></td>
</tr>
</tbody>
</table>

**Thesis work**

<table>
<thead>
<tr>
<th>SN</th>
<th>Title of Thesis</th>
<th>PGT and Session</th>
<th>Guide</th>
<th>Co-Guide</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>To compare efficacy of intra-articular injection with platelet rich plasma, high molecular weight hyaluronic acid and methyl prednisolone in osteoarthritis of knee joint.</td>
<td>Subhashi Pati 2014-2017</td>
<td>Prof. R. N. Haldar</td>
<td>Dr. R. Pramanik Dr. D. Chakrabarty (Pathology)</td>
</tr>
<tr>
<td>2.</td>
<td>Role of Magnetic Resonance Arthrogram in rehabilitation of glenohumeral instability.</td>
<td>Sayani Haldar 2014-2017</td>
<td>Prof. R. N. Haldar</td>
<td>Dr. A. Middya Dr. F. Kamal Dr. S. Chakrabarty (Radiodiagnosis)</td>
</tr>
<tr>
<td>3.</td>
<td>Assessment of comparative efficacy of caudal epidural steroid injection in L5 versus S1 radicular pain in prolapsed intervertebral disc.</td>
<td>Labani Biswas 2014-2017</td>
<td>Dr. R. Pramanik</td>
<td>Dr. T. Ahmed Dr. A. Banerjee</td>
</tr>
<tr>
<td></td>
<td>Role of Suprascapular Nerve Block versus Ultrasonic Therapy in patients with partial thickness rotator cuff tear of shoulder joint: A comparative study</td>
<td>Ambar Konar 2015-2018</td>
<td>Dr R. Pramanik</td>
<td>Dr F. Kamal</td>
</tr>
<tr>
<td>---</td>
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</tr>
<tr>
<td>5.</td>
<td>A comparative study between teriparatide and zoledronic acid therapy in treatment of osteoporosis</td>
<td>Ishita Dey 2015-2018</td>
<td>Prof. R. N. Haldar</td>
<td>Dr Tanvir Ahmed, Dr Aniketa Banerjee</td>
</tr>
<tr>
<td>6.</td>
<td>Comparison of motor point block in 5% aqueous solution of phenol versus botulinum toxin type A in the management of hamstring spasticity: A randomised controlled trial</td>
<td>Keshab Mandal 2015-2018</td>
<td>Prof. R. N. Haldar</td>
<td>Dr Asoke Kumar Middya, Dr Aniketa Banerjee</td>
</tr>
</tbody>
</table>

**SERVICE INFORMATION**

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

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

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

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

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

FACULTY

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

Postgraduate Trainee:

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

COURSES CONDUCTED BY THE DEPARTMENT:
- MBBS (150 seats)
- MD (5 seats)
- BSc (Nursing)
- BPT
- DPFT & DCLT

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

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

b) Publications

Prof. (Dr.) Sangita Sen:
a) Project:
- Completed a project titled “Evaluation of diabetic polyneuropathy in Type II DM by nerve conduction studies & association of severity of neuropathy with serum s-FAS level.”

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

c) Publications:

Dr. Ardhendu Mazumdar
- Guiding thesis work of Dr. Rama Chakraborty: Topic- Pulmonary Function Tests in Hypothyroid Patients and effect of Thyroid Hormone Replacement

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

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

c) Currently in progress are research works on effect of enriched environment on non-spatial and spatial cognitive performance and on the effect of one maze training upon learning curve in another maze.
Dr. Deepankshu Sekhar Mandal
a) Guiding Thesis work of Dr. Sanchari Ghosh: Topic- Effect of enriched environment on non spatial cognitive abilities of Wister rat.

Dr. Md. Mahboob Alam
a) Projects:
- Assessment of autonomic functions in Asthma and its relation with disease severity and duration.

b) Publications:

THESIS SUBMITTED IN 2016

Dr. C. Biakhlupuii: Reference memory error of rats in radial maze of different sizes with suppression of foraging exploration by increased travel distance within the larger maze (Under Guidance of Dr. Sangita Sen and Dr. Subhankar Kumar).


Dr. Sanchari Ghosh: Effect of enriched environment on non spatial cognitive abilities of Wister rat (Under Guidance of Dr. Deepankshu Sekhar Mandal and Dr. Subhankar Kumar).

Dr. Aparajita Mitra: Effect of training in one spatial navigation task upon the learning curve in a different spatial navigation task (Under Guidance of Dr. Utpal Kumar Datta and Dr. Subhankar Kumar).

Dr. Uday Sarkar: Effect of enriched environment on different cognitive abilities in rats: Visual recognition, context discrimination, working memory, spatial learning and semantic learning (Under Guidance of Dr. Subhankar Kumar).
Plastic Surgery

Staff

Faculty
Dr. B. K. Majumdar  MCh  Professor & Head
Dr. Arindam Sarkar  MCh  Associate Professor (D)
Dr. Tibar Banerjee  MCh  Associate Professor
Dr. Sandip Basu  MCh  Assistant Professor (D)
Dr. Souvik Adhikary  MCh  Assistant Professor
Dr. Md. Ghulam J. Naiyer  MCh  Assistant Professor
Dr. Mashihan Murmu  MD (G&O)  RMO cum Clinical Tutor
Dr. Kalyan Das  MCh  RMO cum Clinical Tutor

Senior Residents
Dr. Jyanata Bain  MS

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

Postdoctoral trainees (MCh Students)

<table>
<thead>
<tr>
<th>Session 2014-17</th>
<th>Session 2015-18</th>
<th>Session 2016-19</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Nikhil Kumar Das</td>
<td>Dr. Kavish Maheswari</td>
<td>Dr. Manav Mishra</td>
</tr>
<tr>
<td>Dr. Sudipta Bera</td>
<td>Dr. Soumya Kanti Bag</td>
<td>Dr. Swaraj Hanspal</td>
</tr>
<tr>
<td>Dr. Vivek Gupta</td>
<td>Dr. Anirban Ghosh</td>
<td>Dr. G. Aurobindo Mohapatra</td>
</tr>
<tr>
<td>Dr. Ashwani Kumar</td>
<td>Dr. Sudhakar Jena</td>
<td>Dr. Firoz Borle</td>
</tr>
<tr>
<td>Dr. Vishrabdha Margoj</td>
<td>Dr. Cinjini Das</td>
<td>Dr. Bharti Maravi</td>
</tr>
<tr>
<td>Chandrakant</td>
<td>Dr. Choden Norbu</td>
<td>Dr. Shubhra Datta</td>
</tr>
<tr>
<td>Dr. Khan Rafat Ali</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Passed MCh(Plastic Surgery) from WBUHS in 2016
• Dr. Manavi Mishra
• Dr. Vaibhav Jain
• Dr. Sushovan Saha
• Dr. Krishnanand Dhruv
• Dr. Jayanta Bain
• Dr. Debashis Baitalik

FACULTY NEWS

Prof. B. K. Majumdar
• Assessor, MCI for Vydehi Institute of Medical Sciences, Bangalore  28/07/2016

Research projects.
• Use of Autologous platelet gel in plastic surgical wounds for better clinical outcome - Dr. Kalyan Das, funded by Department of Science & Technology, Government of West Bengal
THESIS WORK ONGOING
3. A comparative study between collagen and conventional dressing in case of second degree burns injury: Dr. Nikhil Kumar Das: 2014-2017
4. Study of different treatment modalities for vascular malformations: Dr. Sudipta Bera: 2014-2017
7. Various reconstructive surgical techniques in post burn ear deformities: Dr. Choden Norbu.
8. A study of different types & uses of vascularised fascial flaps in reconstructive surgery of head, neck & extremities: Dr. Soumyakanti Bag.
9. Functional outcomes after tendo-achilles repair- our experience in a tertiary health care system of eastern India: Dr. Cinjini Das.
10. Impact of various forms of reconstruction on the quality of life and functional status in patients of head & neck malignancies: Dr. Kavish Maheswari.
11. Role of flap blood glucose measurement in monitoring of flaps and to detect flap congestion and flap salvage: Dr. Anirban Ghosh.
12. A study of fractional carbon dioxide lasers in management of recent post burn scars: Dr. Sudhakar Jena.

PhD PROJECTS
Guide: Prof. B. K. Majumdar
- Study of advanced wound healing By nano-silver 2011 onwards Mr. Abhishek Adhya (WBUHS)
- Study of wound healing & antibacterial activity of nanosilver on burn wound, 2011 onwards Ms. Chirasree Roy Choudhury (CU)
- Studies on the efficacy & role of antimicrobial effects of nanosilver, 2011 onwards Ms. Tanushri Ghosh (CU)

Awarded PhD from Calcutta University - January 2016: 1st PhD from the department
- A morphological study of nanosilver & nano-composite cognitive with biological system by Sm. Oindri Ray.

SERVICE INFORMATION

Beds location

<table>
<thead>
<tr>
<th>Ward Type</th>
<th>Location</th>
<th>Floors</th>
<th>Beds</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRU ward (Emergency)</td>
<td>Ronald Ross Building</td>
<td>2nd</td>
<td>30 beds</td>
</tr>
<tr>
<td>NPS ward (Schedule cases)</td>
<td>Ronald Ross Building</td>
<td>5th</td>
<td>40 (Male-19, Female-21)</td>
</tr>
<tr>
<td>Alex Ward (Schedule cases)</td>
<td>Main Building</td>
<td>4th</td>
<td>12, Child beds</td>
</tr>
<tr>
<td>Emergency beds</td>
<td>Scattered over various wards</td>
<td></td>
<td>4 beds</td>
</tr>
<tr>
<td>NPS O.T. Recovery</td>
<td>Scattered over various wards</td>
<td></td>
<td>4 beds</td>
</tr>
</tbody>
</table>

OPD Location
OPD Complex (OLD NER BLOCK), Ground Floor, room no: 1,2,3,4

UNIT-II Tuesday, UNIT-I Thursday & UNIT-III Saturday
OPD attendance in 2016 17977

**OT information**

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

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

Emergency operations requiring general anesthesia (NER OT)

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

Regular schedule operations in
plastic surgery operation theatres 2417
Microvascular operations 63
Emergency operations 3211
Laser therapy 353

**Operation days of each Unit (Scheduled operations)**

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

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

**Other departmental information**
Operation of skin bank is in progress and cadaveric harvesting of skin started from 22/04/2013
Institute of Psychiatry (IOP) has been identified for upgradation under Centre of Excellence Scheme of National Mental Health Programme (NMHP) – 11th Five Year Plan (vide Ref.F.-No. T. 210013/15/09-ncd Dt- 11.06.09). Three new departments are functioning, namely Psychiatric Social Work, Clinical Psychology and Psychiatric Nursing.

DEPARTMENT OF PSYCHIATRY

FACULTY & STAFF

<table>
<thead>
<tr>
<th>Faculty &amp; Medical Officer</th>
<th>Qualification</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Pradip Kumar Saha</td>
<td>M.D., NIMHANS (Bangalore)</td>
<td>Director &amp; Professor</td>
</tr>
<tr>
<td>Prof. Dr. Amit Kumar Bhattacharyya</td>
<td>MD</td>
<td>Professor</td>
</tr>
<tr>
<td>Dr. Sikha Mukhopadhyay</td>
<td>MD</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. Pratham Guha</td>
<td>MD, DNB</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. Prasanta Kumar Das</td>
<td>MD</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. Indranil Saha</td>
<td>MD, DPM</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. Paramita Ray</td>
<td>MD</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. Anirban Ray</td>
<td>MD, DM</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. Parthasarathy Biswas</td>
<td>MD</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Rajarshi Neogi,</td>
<td>MD</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Nikhiles Mandal</td>
<td>MD, DPM</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Sikha Ghosh</td>
<td>DPM</td>
<td>RMO-cum-Clinical tutor</td>
</tr>
<tr>
<td>Dr. Subir Hazra Choudhury</td>
<td>DPM</td>
<td>RMO-cum-Clinical tutor</td>
</tr>
<tr>
<td>Dr. Subir Bhattacharjee</td>
<td>MD</td>
<td>RMO-cum-Clinical tutor</td>
</tr>
<tr>
<td>Dr. Nirmal Kanti Dutta</td>
<td>DPM</td>
<td>Medical Officer</td>
</tr>
<tr>
<td>Dr. Nabakumar Maiti</td>
<td>MD, DPM</td>
<td>Medical Officer</td>
</tr>
</tbody>
</table>

Postgraduate trainees

<table>
<thead>
<tr>
<th>Dr. Alok Kumar Mondal MBBS</th>
<th>MD</th>
<th>2014 – 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Aritra Chakraborty MBBS</td>
<td>MD</td>
<td>2014 – 2017</td>
</tr>
<tr>
<td>Dr. Awdhesh Solanki MBBS</td>
<td>MD</td>
<td>2014 – 2017</td>
</tr>
<tr>
<td>Dr. Sagarika Roy, MBBS</td>
<td>MD</td>
<td>2015 – 2018</td>
</tr>
<tr>
<td>Dr. Narottam Halder, MBBS, DCH</td>
<td>MD</td>
<td>2015 – 2018</td>
</tr>
<tr>
<td>Dr. Sikha Murmu, MBBS, DPH</td>
<td>MD</td>
<td>2015 – 2018</td>
</tr>
<tr>
<td>Dr. Paritosh Roy, MBBS</td>
<td>MD</td>
<td>2015 – 2018</td>
</tr>
<tr>
<td>Dr. Kanika Das, MBBS</td>
<td>MD</td>
<td>2016 – 2019</td>
</tr>
<tr>
<td>Dr. Jolly Das, MBBS</td>
<td>MD</td>
<td>2016 – 2019</td>
</tr>
<tr>
<td>Dr. Gautam Mahati, MBBS</td>
<td>MD</td>
<td>2016 – 2019</td>
</tr>
<tr>
<td>Dr. Aratrika Sen, MBBS</td>
<td>MD</td>
<td>2016 – 2019</td>
</tr>
<tr>
<td>Dr. Krishnendu Ghosh, MBBS</td>
<td>DPM</td>
<td>2015 – 2017</td>
</tr>
<tr>
<td>Dr. Rahul Bansal, MBBS</td>
<td>DPM</td>
<td>2015 – 2017</td>
</tr>
<tr>
<td>Dr. Gunjesh Kumar, MBBS</td>
<td>DPM</td>
<td>2015 – 2017</td>
</tr>
<tr>
<td>Dr. Saurav Kumar Chattopadhyay, MBBS</td>
<td>DPM</td>
<td>2015 – 2017</td>
</tr>
<tr>
<td>Dr. Dhiman Mondal, MBBS</td>
<td>DPM</td>
<td>2015 – 2017</td>
</tr>
<tr>
<td>Dr. Soma Das, MBBS</td>
<td>DPM</td>
<td>2015 – 2017</td>
</tr>
<tr>
<td>Dr. Soukhin Biswas, MBBS</td>
<td>DPM</td>
<td>2015 – 2017</td>
</tr>
<tr>
<td>Dr. Jishnu Bhattacharya, MBBS</td>
<td>DPM</td>
<td>2015 – 2017</td>
</tr>
<tr>
<td>Dr. Abdur Rashid, MBBS</td>
<td>DPM</td>
<td>2015 – 2017</td>
</tr>
<tr>
<td>Dr Dipanwita Maschatak, MBBS</td>
<td>DPM</td>
<td>2016 – 2017</td>
</tr>
</tbody>
</table>
DEPARTMENT OF PSYCHIATRIC SOCIAL WORK (PSW)

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Qualification</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mrs Ilora Barik Sil</td>
<td>M.S.W, M.Phil in PSW (NIMHANS)</td>
<td>Head &amp; Asst. Prof</td>
</tr>
<tr>
<td>Mrs Soma Saha</td>
<td>M.S.W, M.Phil in PSW</td>
<td>Associate Prof.</td>
</tr>
<tr>
<td>Ms. Rupa Chakraborty</td>
<td>MSW, B.Ed. Mental Retardation</td>
<td>Psychiatric social worker</td>
</tr>
<tr>
<td>Ms Oindrila Ganguly</td>
<td>M.A. (Psychology), M.Phil in PSW</td>
<td>Psychiatric social worker</td>
</tr>
</tbody>
</table>

Students

<table>
<thead>
<tr>
<th>Students</th>
<th>Qualification</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jhilam Bandopadhyay</td>
<td>M.Phil in PSW</td>
<td>2014-2016</td>
</tr>
<tr>
<td>K.Divya</td>
<td>M.Phil in PSW</td>
<td>2014-2016</td>
</tr>
<tr>
<td>Debjani Palit</td>
<td>M.Phil in PSW</td>
<td>2014-2016</td>
</tr>
<tr>
<td>Anindita Roy</td>
<td>M.Phil in PSW</td>
<td>2015-2017</td>
</tr>
<tr>
<td>Pooja Audhya</td>
<td>M.Phil in PSW</td>
<td>2015-2017</td>
</tr>
<tr>
<td>Souradipto Mukherjee</td>
<td>M.Phil in PSW</td>
<td>2015-2017</td>
</tr>
<tr>
<td>Tumpa sen</td>
<td>M.Phil in PSW</td>
<td>2015-2017</td>
</tr>
<tr>
<td>Poulami Ganguly</td>
<td>M.Phil in PSW</td>
<td>2015-2017</td>
</tr>
<tr>
<td>Parama Acharya</td>
<td>M.Phil in PSW</td>
<td>2015-2017</td>
</tr>
<tr>
<td>Kankani Roy</td>
<td>M.Phil in PSW</td>
<td>2015-2017</td>
</tr>
<tr>
<td>Arkita Pal</td>
<td>M.Phil in PSW</td>
<td>2015-2017</td>
</tr>
<tr>
<td>Indira Bhowmick</td>
<td>M.Phil in PSW</td>
<td>2015-2017</td>
</tr>
<tr>
<td>Rinki Dey</td>
<td>M.Phil in PSW</td>
<td>2015-2017</td>
</tr>
<tr>
<td>Ranjana Banerjee</td>
<td>M.Phil in PSW</td>
<td>2015-2017</td>
</tr>
</tbody>
</table>

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

DEPARTMENT OF CLINICAL PSYCHOLOGY

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Qualification</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Bidita Bhattacharya</td>
<td>MA; MPhil Clinical Psychology; PhD</td>
<td>Head &amp; Assistant Professor</td>
</tr>
<tr>
<td>Mr. Prasanta Kumar Roy</td>
<td>MA; MPhil Medical &amp; Social Psychology</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Ms. Amrita Mitra</td>
<td>MA; MPhil Clinical Psychology</td>
<td>Clinical Psychologist</td>
</tr>
<tr>
<td>Ms. Rudrani Chatterjee</td>
<td>MA; MPhil Clinical Psychology</td>
<td>Clinical Psychologist</td>
</tr>
<tr>
<td>Ms Sreetama Chatterjee</td>
<td>MA; MPhil Medical &amp; Social Psychology</td>
<td>Clinical Psychologist</td>
</tr>
<tr>
<td>Ms Tapasri Das</td>
<td>MA; MPhil Clinical Psychology</td>
<td>Clinical Psychologist</td>
</tr>
<tr>
<td>Ms. Doyel Ghosh</td>
<td>MA; MPhil Clinical Psychology</td>
<td>Clinical Psychologist</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Qualifications</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Sushmita Halder</td>
<td>MA, MPhil Clinical Psychology, PhD Associate Professor</td>
</tr>
<tr>
<td>Ms. Chhavi Tewary</td>
<td>MSc, MPhil Clinical Psychology Clinical Psychologist</td>
</tr>
<tr>
<td>Ms. Ankita Biswas</td>
<td>MSc, MPhil Clinical Psychology Clinical Psychologist</td>
</tr>
</tbody>
</table>

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

**TRANSFERS & POSTINGS**

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Designation</th>
<th>Status</th>
<th>Date of Release</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ms. Asha Shivraman</td>
<td>Associate Professor, Nursing</td>
<td>Study Leave</td>
<td></td>
</tr>
<tr>
<td>Ms Liza T. Daniel</td>
<td>Assistant Professor, Nursing</td>
<td>Resigned</td>
<td></td>
</tr>
<tr>
<td>Ms. Mittu Muthu Varghese</td>
<td>Assistant Professor, CP</td>
<td>Resigned</td>
<td>30.04.2016</td>
</tr>
<tr>
<td>Mr. Kamlesh Kumar Sahu</td>
<td>Assistant Professor, PSW</td>
<td>Resigned</td>
<td>11.05.2016</td>
</tr>
</tbody>
</table>

**FACULTY NEWS**

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

**Awards / Felicitations**
- Rashtriya Vidya Gurav Gold Medal Award 2015
- "Best Principal Award 2015"

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

Others
- Expert interviewee to several Health awareness programmes in ‘Sushtha Bharat’ of Doordarshan-1 have been broadcasted where Dr. Saha was a Speaker viz. “Sishu Mone Oboshad”, “Obosore Oboshad”, “Living with Schizophrenia”, Nidra O Anidra
- Guide: “Family burden and Quality of Life in Primary caregivers of patients with schizophrenia, Bipolar Affective Disorder and Depression: A comparative study.”
- Guide: “A comparative study of Childhood and adolescent Bipolar Disorder with or without anxiety disorder co-morbidity and its clinical implications”.
- Guide: “A study on Quality of Life and psychopathology in parents of children with Attention Deficit Hyperkinetic Disorder.”
- Guide: A competitive study of Childhood, Adolescent and Adult onset OCD with respective to phenomenology, Genetic Loading, Quality of Life, Executive function and coorelates of insight.
- Guide: A comparative study on comorbidities, stressor. Genetic loading in children and adolescent patients with dissociative (Conversion) disorder and their age and gender matched controls in a tertiary care hospital in eastern India. Protocol submitted to the West Bengal University of Health Sciences for partial fulfillment in MD (Psychiatry), Session 2013 – 2016

Landmarks achieved:
- Establishment of 3 new colleges under INSTITUTE OF PSYCHIATRY (IOP) in the last 2 yrs. namely:-
  - College of Clinical Psychology providing Post Doctoral Degree M.Phil in Clinical Psychology (8 seats/year)
  - College of Psychiatric Social Work (PSW) providing Post Doctoral Degree in M.Phil in PSW (16 seats/year)
  - College of Psychiatric Nursing providing Basic Diploma Degree in Psychiatric Nursing (20 seats/year)
- Establishment of 24 Hrs. Psychiatric Emergency at IOP: 2nd in India next to NIHMANS, Bangalore and running successfully.
- Establishment of Advanced Sleep laboratory at IOP: 1st in India in a government psychiatric set-up inaugurated by the Hon’ble CM of Govt. of West Bengal on 17th July 2015 and running successfully.
- Establishment of Psychiatric Pathology and Bio-Chemistry Department, at IOP
- Establishment of New Modernized 6-storied fully air-conditioned Academic Building at IOP
- Establishment of 24x7 upgraded modern e-Library at IOP
- Increment in indoor patient bed strength from 36 to 140 at IOP
- Increment in M.D. Psychiatry seats from 4 to 8 seats in total at IOP
- Creation of 67 new posts including 4 Professors in Psychiatry, Clinical Psychology, PSW at IOP
- Opening of the “Free Legal Aid Clinic” at the Institute Of Psychiatry first time in Eastern India.

Prof. Amit Kumar Bhattacharyya
- Participated in ANCIPS 2015 at Hyderabad Jan 2015. The conference was granted 4 CME points.
• Participated in World Psychiatric Association Regional Congress 2015 held at Le Meridian Hotel, Kochi, India from 25th-27th September 2015.
• Participated in 41st Annual Conference of Indian Psychiatric Society of East Zonal Branch (CEZIPS 2015), held at Shillong Convention Centre, Shillong, Meghalaya, from 8th-10th October 2015.
• Psychiatric Conference 2015 (Combined Annual State Conference of West Bengal State Branches of Indian Psychiatric Society & Indian Association of Private Psychiatry) held at Hyatt Regency Hotel, on 12th & 13th of September 2015. The conference was granted 3 CME credit hours by the West Bengal Medical Council, vide Ref No. 1086-C/28-2012, dated 23.08.15
• Participated in the 16th National Conference of Indian Association of Social Psychiatry held at Hotel Clarks, Khajuraho, Madhya Pradesh from 3rd to 6th December, 2015. This conference has been accredited for 13 CME credit hours, by the Madhya Pradesh Medical Council, vide Ref No. 1631-C/28-2015, dated 24.10.15
• The 4th Kolkata PG CME held at Institute of Psychiatry-Kolkata, on 22.12.15 & 23.12.2015

Dr. Sikha Mukhopadhyay
• Attended Midterm CME, IPS WB, held on occasion of the Silver Jubilee year of the West Bengal state branch of Indian Psychiatric Society, held at Pride Hotel, Kolkata, on 28.04.14
• Participated & chaired a session in PG-CME of the of Indian Psychiatric Society (East Zone), held at New Digha, on 14.06.14 & 15.06.14
• Participation in 16th Mid-term CME programme of Eastern Zonal Branch of Indian Psychiatric Society, held at Hotel One ‘N’ Only, at New Digha, West Bengal, on 15th & 16th June 2014
• Psychiatric Conference 2014 (Combined Annual State Conference of West Bengal State Branches of Indian Psychiatric Society & Indian Association of Private Psychiatry) held at Raichak on Ganges, South 24 Parganas, on 28th & 29th of September 2014. The conference was granted 3CME credit hours by the West Bengal Medical Council, vide Ref No. 1086-C/28-2014, dated 23.08.14
• Participated & chaired a session in the 20th National Conference of Indian Association of Social Psychiatry held at the Stadel, Kolkata from 8th to 10th November, 2014. This conference has been accredited for 13 CME credit hours, by the West Bengal Medical Council, vide Ref No. 1631-C/28-2014, dated 24.10.14
• Participated & chaired a session in the 3rd ‘Kolkata PG CME’ held at Hotel Golden Parkk, on 07.12.14
• Guide for thesis by Dr Ajay Haldar, titled ‘Effects of Cannabis Use on Cognitive Function & Clinical Features of Bipolar Disorder’ submitted, to the West Bengal University of Health Sciences for the partial fulfillment of MD degree in Psychiatry, Session 2011 - 2014
• Co-Guide (Guide Dr. Bidita Bhattacharya) for Dissertation by Ms. Urbi Mukherjee, titled ‘Self Concept, Personality Correlates, Family Environment & Adjustment Related Issues: A Comparative Study between Obese & Non-Obese Adults’ submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2011 – 2013
• Biswas P, Mukhopadhyay S. Poster Titled “Socio demographic and clinical correlates of patients attending a de-addiction clinic in tertiary care hospital in Eastern India” presented at ANCIPS (Jan 10-13, Bangalore 2013)
• Guide for Thesis of Dr Joydeep Acharjee Titled "A competitive study of incidence of new onset obsessive compulsive symptoms in patient taking atypical antipsychotics (Olanzapine, Risperidone) and Haloperidol”.

Dr. Prathama Guha

Publications
• Metaphor comprehension deficit in schizophrenia with reference to the hypothesis of abnormal lateralization & right hemisphere dysfunction language science. J July 2015

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

Publications
- Sutar R, Ray A, Seshadri SP, Leukodystrophy presenting as hyperactivity and bipolarity with uncommon adverse drug reaction; Indian Journal of Psychological Medicine

CME / Conferences / Workshops attended
- Attended & presented symposium titled “Aggression in child & adolescence “ in ANCIPS - 2017 (5th to 8th January 2017)
- Paediatric Movement Disorder Update, NIMHANS, Bangalore, Dated 12.6.2016
- Child Mental Health in India : Catalysing the Public Health Response; NIMHANS, Bangalore, Dated 20.1.2016

Dr. Parthasarathy Biswas

Publications
- Socio-Demographic, Clinical Correlates And Predictors Of Adverse Outcome In Substance Use Disorder (SUD) Patients Attending The De-Addiction Clinic Of A Tertiary Care Hospital In Eastern India. Bengal Journal of Psychiatry, 2015
- Ethambutol induced psychosis: A rare case. Accepted for publication in Indian Journal of Psychiatry
- Escitalopram induced Hyperprolactinemia: A case series. Accepted for publication in Journal Psychiatry Clinical Neurosciences.

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

CME / Conferences / Workshops attended
- Participated in ANCIPS 2015 at Hyderabad Jan 2015. The conference was granted 4 CME points.
- Participated in World Psychiatric Association Regional Congress 2015 held at Le Meridian Hotel, Kochi, India from 25th-27th September 2015.
- Participated in 41ST Annual Conference of Indian Psychiatric Society of East Zonal Branch(CEZIPS 2015), held at Shillong Convention Centre, Shillong, Meghalaya, from8th-10th October 2015.
- Psychiatric Conference 2015 (Combined Annual State Conference of West Bengal State Branches of Indian Psychiatric Society & Indian Association of Private Psychiatry) held at Hyatt Regency Hotel, on 12th&13th of September 2015. The conference was granted 3 CME credit hours by the West Bengal Medical Council, vide Ref No. 1086-C/28-2012, dated 23.08.15
- Participated in the 16th National Conference of Indian Association of Social Psychiatry’ held at Hotel Clarks, Khajuraho, Madhya Pradesh from 3rd to 6th December, 2015. This conference has been accredited for 13 CME credit hours, by the Madhya Pradesh Medical Council, vide Ref No. 1631-C/28-2015, dated 24.10.15

Dr. Rajarshi Neogi

Publications
- Poster presented in the World Psychiatry Association, Regional Congress, Kochi, September 2015. profile of patients with dhat syndrome – a study from West Bengal, India. Kaustav Chakraborty, Dr. Rajarshi Neogi, Dr. Amitava Dan, Dr. Ajit Avasthi, Dr. Sandeep Grover

Lectures delivered:
- Neurobiology of Psychotherapy. PGCME 2015, Hosted by the IOP-COE, 22-23 December, 2015

Dissertation co-guide

Departmental studies

147
• SCOPE Study: Epidemiology of common psychiatric disorders of the state of West Bengal. The first time ever study involving tablet device to collect data in a door-to-door survey. First systematic psychiatric epidemiology study in the state of West Bengal since independence. The field data collection phase is going on.

• National Mental Health Survey: Co-investigator in the NMHS which is the largest Psychiatric Epidemiology studies in the world which uses State-of-the-art tablet/hand-held device technology. The field collection phase is on.

Conferences/ CME participated
• Participated in ANCIPS 2015 at Hyderabad Jan 2015. The conference was granted 4 CME points.
• Participated in World Psychiatric Association Regional Congress 2015 held at Le Meridian Hotel, Kochi, India from 25th-27th September 2015.
• Psychiatric Conference 2015 (Combined Annual State Conference of West Bengal State Branches of Indian Psychiatric Society & Indian Association of Private Psychiatry) held at Hyatt Regency Hotel, on 12th&13th of September 2015. The conference was granted 3CME credit hours by the West Bengal Medical Council,vide Ref No. 1086-C/28-2012, dated 23.08.15
• The 4TH’Kolkata PG CME’ held at Institute of Psychiatry-Kolkata, on 22.12.15 & 23.12. 2015

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

Publications:
• Acute dystonia, akathisia, and parkinsonism induced by ziprasidone. Praharaj SK, Jana AK, Sarkhel S, Sinha VK.  Am J Ther. 2014 Mar-Apr;21(2)
• Speaker In Cme
• Gender and Sexuality in IPS Eastern Zone Mid Term CME held in Imphal in July,2014
• Motivation Enhancement Therapy in Eastern Zone PG CME held in Gangtok in August,2014.

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

Other activities
• Served as Hony. Editor of Bengal Journal of Psychiatry

Dr. Sikha Ghosh
• Attended the 65th Annual National Conference of Indian Psychiatric Society (ANCIPS 2012), held at Bangalore, Karnataka from 10th to 13th January 2013, which was eligible for 4 (four) CME credit hours, granted by the Karnataka Medical Council
• CME on ‘Compliance issues in Psychiatry’ organized by the West Bengal State branch of Indian Psychiatric Society, on 19.01.13
• Midterm CME, IPS WB, held on occasion of the Silver jubilee year of the West Bengal state branch of Indian Psychiatric Society, held at Pride Hotel, Kolkata, on 28.04.13
• Attended Psychiatric Conference 2013 (Combined Annual State Conference of West Bengal State Branches of Indian Psychiatric Society & Indian Association of Private Psychiatry) held at Raichak on Ganges, South 24 Parganas on 28th & 29th of September 2013. The conference was granted 3 CME credit hours by West Bengal Medical Council.
• Participated in the 20th National Conference of Indian Association of Social Psychiatry’ held at the Stadel, Kolkata from 8th to 10th November, 2013 as the Editor of the Souvenir of Organizing Committee. This conference has been accredited 13 CME credit hours, by the West Bengal Medical Council
• The 3rd Kolkata PG CME held at Hotel Golden Parkk, on 07.12.13
Dr. Subir Kumar Hajra Chaudhuri
- Attended the 65th Annual National Conference of Indian Psychiatric Society (ANCIPS 2012), held at Bangalore, Karnataka from 10th to 13th January 2013, which was eligible for 4 (four) CME credit hours, granted by the Karnataka Medical Council
- Attended the 14th ANCIAPP held at Ahmedabad on 21-24, Nov 2013
- 9th Annual National Conference of Indian Association Of Biological Psychiatry 13th & 15th September 2013, Grand Mumtaz, Srinagar, Kashmir
- The 3rd Kolkata PG CME held at Hotel Golden Parkk, on 07.12.13

Dr. Subir Bhattacharjee
Publications
Seminar presenter
- Topic- Vitamin Deficiency induced Encephalopathies - ASCIPS & ASCIAPP- 2015)

Dr. Nikhiles Mandal
Publication

Dr. Naba Kumar Maiti
Publication

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

<table>
<thead>
<tr>
<th>Teacher</th>
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<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Sujit Sarkhel</td>
<td>Monday</td>
<td>8:30 AM - 9:30 AM</td>
</tr>
<tr>
<td>Dr. Dhruba Jyoti Bagchi</td>
<td>Tuesday</td>
<td>8:30 AM - 9:30 AM</td>
</tr>
<tr>
<td>Dr. Sikha Mukhopadhyay</td>
<td>Wednesday / Thursday</td>
<td>8:30 AM - 9:30 AM</td>
</tr>
<tr>
<td>Dr. Rajarshi Neogi</td>
<td>Friday</td>
<td>8:30 AM - 9:30 AM</td>
</tr>
<tr>
<td>Dr. Parthasarathy Biswas</td>
<td>Saturday</td>
<td>8:30 AM - 9:30 AM</td>
</tr>
</tbody>
</table>
**Department of Clinical Psychology, IOP, Kolkata**

**FACULTY NEWS**

**Dr. Bidita Bhattacharya**, Associate Professor & Head of the Department  
Resource Person:  
- Conducted classes in Kasturba Medical College, Manipal, Karnataka, May, 2016  
- Conducted workshop on Stress Management in corporate sector  

Paper Presentation:  

**Shri Prasanta Kumar Roy**, Assistant Professor  
Resource Person  
- Attended & conducted workshop in 42nd NACIAP, Manipur  

Attended:  
- 6th National Conference of Medical Service Centre, Rohtak

**Ms. Rudrani Chatterjee**, Clinical Psychologist  
Resource Person:  
- Conducted Teacher Awareness Programme & Panel Discussion organized by IPS, COB  
- Participated in CNN News: Panel Discussion on rising violence & inhuman action, September, 2016  

Attended:  
- Seminar on “Psychoanalysis: A Journey from Classical to Contemporary Perspectives”, Kolkata, March, 2016  
- Attended Seminar on “Implicit Measurement”, organized by CPEPA, Kolkata, September, 2016  

**Ms. Amrita Mitra**, Clinical Psychologist  
Attended:  
- Seminar on “Psychoanalysis: A Journey from Classical to Contemporary Perspectives”, Kolkata, March, 2016

**Ms. Tapasri Das**, Clinical Psychologist  
Publication:  
- Published Article titled: A Comparative study of Emotional Intelligence & Cognitive Emotion regulation of Emotionally Unstable Personality Disorder- Borderline Type; International Journal of Multidisciplinary & Current Research, J July-August, 2016 Issue

**Ms. Sreetama Chatterjee**, Clinical Psychologist  
Resource Person:  
- Conducted Teacher Awareness Programme for Montessori School Teachers, Kolkata, September, 2016  

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

**Ms. Doyel Ghosh**, Clinical Psychologist  
Attended:  
- Workshop in 42nd NACIAP, Manipur  
- 6th National Conference of Medical Service Centre, Rohtak

**Faculty newly joined from November, 2016**

**Dr. Sushmita Halder**, Associate Professor

**Ms. Chhavi Tewary**, Clinical Psychologist  
Attended:  
Ms. Ankita Biswas, Clinical Psychologist

- Resource Person:

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

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

DEPARTMENTAL CLINICAL WORK

The Department of Clinical Psychology has started functioning in March 2011 and is providing services on an outpatient and inpatient basis. The general outdoor runs on all working days where evaluation, management and follow-ups of patients are performed. Services offered include IQ assessment, psycho diagnostics, personality & neuropsychological assessment, cognitive retraining, psychotherapy & counselling (individual, family & group). Group therapy sessions are being conducted (along with PSW department) for ADHD & Conduct Disorder (separately for children & parents), Mental Retardation (for parents), OCD, substance abuse, dementia and life-skill education (for adolescents). The Department is also planning to expand its functioning in the area of Behavioural Medicine, i.e. use of psychological services in general medical conditions including burn cases, cancer, HIV/AIDS, gynaecological problems, cardio-vascular disease, pre- and post- surgery cases, dermatological issues, diabetes etc.

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

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Department of Psychiatric Social Work, IOP, Kolkata

FACULTY NEWS

Mrs. Iiora Barik Sil
- Attended a seminar on “Depression & Diabetes” at SSKM Hospital, Kolkata on 13.04.2016.
- Attended a seminar on “History, Neurology & Psychiatry” at IOP, Kolkata on 12.08.2016.
- Guide for thesis by Ms. K. Divya - “A Study on the difference in Perceived Stress, Anger Expression and Coping strategy between persons with Obsessive Compulsive disorder and Depressive disorder” to be submitted to the West Bengal University of Health Sciences for partial fulfillment in M.Phil In PSW course, Session 2014 – 2016.

Mrs. Rupa Chakraborty
- Attended a CRE on Assessment, Diagnosis & Intervention of Autism Spectrum Disorder from 8th January, 2016 to 12th January, 2016 at NIMH, Kolkata.
- Attended a seminar on the “Overview of Smoking & Cessation” at IOP, Kolkata on 02.06.2016.

Ms. Oindrila Ganguly
- Attended a seminar on “Psychoanalysis- a journey from Classical to Contemporary perspectives” at Rotary Sadan, Kolkata on 02.03.2016 and 03.03.2016
- Attended a seminar on the “Overview of Smoking & Cessation” at IOP, Kolkata on 02.06.2016.
- Attended a seminar on “History, Neurology & Psychiatry” at IOP, Kolkata on 12.08.2016.

DEPARTMENTAL CLINICAL WORK

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

Department of Psychiatric Nursing, IOP, Kolkata

FACULTY NEWS

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

Ms. Gita Purkait

Participated in many national and international conferences and training programs. Among those on Psychiatry
- 3 days ISPN National Conference on Prevention & management of Tobacco Addiction in India in 2013,
- 1 day continuing Nursing Education Program on “Mental Health Nursing Emergencies” in 2014.
Nursing Research done (Unpublished) -
- “A Study of the Stress experienced and Coping Strategies adopted by the Mothers of the Children suffering from Leukemia in a selected hospital at Kolkata” in 2009 - 2011.”
- Ms. Gita Purkait attended international conference organized by TNAI.

Mrs. Payel Saha
- Nursing Research done (Unpublished) -
  - “A Study to assess the Stress and Coping Strategies among Children of Alcohol Dependents in Urban areas in Bangalore.”
  - A Study to assess the Knowledge and Attitude among the Psychosocial Stress of Senior Citizen in Urban areas, Maraimalar Nagar, Karnataka.”

Mrs. Kalpana Dey
- Attended seminar organized by Indian Psychiatric Society and TNAI

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

RESEARCH PROJECTS

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

Ongoing research as part of MD Psychiatry course:
- Dr Alok Kumar Mandal (Guide: Dr Sikha Mukhopadhyay) Titled “A study of factors and predictors of depression in patients of renal transplant recipients in a tertiary care hospital in Eastern India”
- Dr Aritra Chakraborty (Guide: Prof. (Dr) Pradeep Kumar Saha) Titled “A comparative study on comorbidities, stressors, genetic loading in children and adolescent patients with dissociative (conversion) disorder and their age and gender matched controls in a tertiary care hospital in eastern India”
- Dr Awadhesh P. Solanki (Guide: Prof. (Dr) Pradeep Kumar Saha) Titled

Theses completed & submitted as part of requirement for MD Psychiatry
- Dr. Amitava Das (Guide: Prof. (Dr) Pradeep Kumar Saha) “Family burden and Quality of Life in Primary caregivers of patients with schizophrenia, Bipolar Affective Disorder and Depression: A comparative study.”
- Dr. Sandip Kumar Hazra (Guide: Dr Sikha Mukhopadhyay) “The role of Life Events in Obsessive Compulsive Disorder”
- Dr. Sudipta Ghosh (Guide: Prof. (Dr) Pradeep Kumar Saha) “A comparative study of Childhood and adolescent Bipolar Disorder with or without anxiety disorder co-morbidity and its clinical implications”.
- Dr. Sk. Maidul Islam (Guide: Prof. (Dr) Pradeep Kumar Saha) “A study on Quality of Life and psychopathology in parents of children with Attention Deficit Hyperkinetic Disorder.”
- Dr. Tamoghna Bandhopadhyay: (Guide: Prof. (Dr) Pradeep Kumar Saha) – A competitive study of Childhood, Adolescent and Adult onset OCD with respective to phenomenology, Genetic Loading, Quality of Life, Executive function and coorelates of insight.
• Dr. Avik Kumar Layek: (Guide: Prof. (Dr) Pradeep Kumar Saha) - A study on use of volatile solvents: Its clinical, Socio-demographic profile, Psychiatric comorbidities and Genetic loading and quality of life.

• Dr. Arghya Halder: (Guide: Prof. (Dr) Pradeep Kumar Saha) Use of dimensional Yale Brown Obsessive Compulsive Scale for assessment of Obsessive Compulsive Spectrum in patients with Obsessive Compulsive disorder and the prevalence of the Spectrum in their first degree relatives.

• Dr. Joydeep Acharjee: (Guide: Prof. (Dr) Sikha Mukhopadhyay) - A competitive study of incidence of new onset obsessive compulsive symptoms in patient taking atypical antipsychotics (Olanzapine, Risperidone) and Haloperidol.

• Dr. Abhijit Chakraborty: (Guide: Prof. (Dr) Pradeep Kumar Saha) A cross-sectional study on restricted repetitive behavior patterns in children and adolescents with pervasive developmental disorder in a tertiary care centre in eastern India: a factor analytic study.

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

• Ms. Anuradha Palit (Guide Mr Prasanta Kumar Roy, Co-guide Dr Pradeep Kumar Saha) titled ‘Memory dynamics in Obsessive Compulsive Disorder’ submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2014 - 2016

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• Ms. Aparajita Chakraborty (Guide Dr. Bidita Bhattacharya, Co-guide Dr Pradeep Kumar Saha) titled ‘Obsessive Compulsive Disorder and Depression in males against one backdrop of Inter-Generational Attachment Related insecurities submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2014 - 2016

• Ms. Richi Parasrampuria (Guide Dr. Bidita Bhattacharya, Co-guide Dr Pradeep Kumar Saha) titled ‘Body-image, Depression, Anxiety and Coping in unmarried women with Polycystic ovarian syndrome’ submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2014 - 2016

• Ms. Sneha Das (Guide Dr. Bidita Bhattacharya, Co-guide Dr Pradeep Kumar Saha) titled ‘Psychosocial Perspectives in Post Burn Injury’ submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2014 - 2016

• Ms. Torsa Sinha (Guide Mr Prasanta Kumar Roy, Co-guide Dr Partha Sarathi Biswas, Dr. Joydeep Singha) titled ‘Psychosocial Perspectives of Vitiligo in married and unmarried women’ submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2014 - 2016

• Ms. Pooja Chaudhuri (Guide Dr. Bidita Bhattacharya, Co-guide Dr Pradeep Kumar Saha) titled ‘Family functioning, Marital quality, Personality and Coping strategies in patients with Alcohol and Cannabis dependence: A comparative study’ submitted to the West Bengal University of Health Sciences for partial fulfillment in MPhil in Clinical Psychology, Session 2014 - 2016
7. SERVICE INFORMATION

Number of indoor beds: 140

<table>
<thead>
<tr>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>April</th>
<th>May</th>
<th>June</th>
<th>July</th>
<th>Aug</th>
<th>Sept</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor admissions in 2016</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Male</td>
<td>18</td>
<td>24</td>
<td>21</td>
<td>21</td>
<td>29</td>
<td>39</td>
<td>48</td>
<td>61</td>
<td>30</td>
<td>46</td>
<td>50</td>
<td>408</td>
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<tr>
<td>Female</td>
<td>09</td>
<td>14</td>
<td>12</td>
<td>06</td>
<td>09</td>
<td>15</td>
<td>20</td>
<td>23</td>
<td>35</td>
<td>25</td>
<td>21</td>
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<td>30</td>
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<td>71</td>
<td>96</td>
<td>55</td>
<td>67</td>
<td>619</td>
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</table>

Distribution of outdoor services is as follows

<table>
<thead>
<tr>
<th>Days</th>
<th>Consultants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday &amp; Tuesday</td>
<td>Prof. Dr. Pradip Kumar Saha, Dr. Indranil Saha, Dr. Nikhilesh Mondal, Dr. Rajarshi Neogi, Dr. Sujit Sarkhel, Dr. Sikha Ghosh</td>
</tr>
<tr>
<td>Wednesday &amp; Friday</td>
<td>Dr. Sikha Mukhopadhyay, Dr. Prasanta Kumar Das, Dr. Paramita Roy, Dr. Parthasarathy Biswas, Dr. Subir Bhattacharjee</td>
</tr>
<tr>
<td>Thursday &amp; Saturday</td>
<td>Prof. Dr. Amit Kumar Bhattacharya, Dr. Prathama Guha, Dr. Subir Hazra Chowdhury, Dr. Dhruvajyoti Bagchi</td>
</tr>
<tr>
<td>Sunday 2nd &amp; 4th</td>
<td>Prof. Dr. Pradip Kumar Saha, Dr. Parthasarathy Biswas</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>April</th>
<th>May</th>
<th>June</th>
<th>July</th>
<th>Aug</th>
<th>Sept</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
<th>TOTAL</th>
</tr>
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<tr>
<td>Adult Psychiatry</td>
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<td></td>
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</tr>
<tr>
<td>New</td>
<td>6428</td>
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<td>3073</td>
<td>2745</td>
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<td>2915</td>
<td>2868</td>
<td>2123</td>
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<tr>
<td>Old</td>
<td>2658</td>
<td>6199</td>
<td>7568</td>
<td>7298</td>
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<td>8137</td>
<td>9219</td>
<td>95054</td>
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<tr>
<td>Child patients</td>
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<td></td>
<td></td>
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<td>87</td>
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<tr>
<td>Old</td>
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<td>477</td>
<td>534</td>
<td>524</td>
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<td>5071</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Clinic</th>
<th>Consultant</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Child Adolescent Clinic</td>
<td>Dr. Sujit Sarkhel, Dr. Pradip Kumar Saha</td>
<td>Thursday</td>
</tr>
<tr>
<td>2.</td>
<td>Substance Abuse Clinic</td>
<td>Dr. Sikha Mukhopadhyay, Dr. Parthasarathy Biswas</td>
<td>Friday</td>
</tr>
<tr>
<td>3.</td>
<td>Geriatric Clinic</td>
<td>Dr. Sikha Mukhopadhyay, Dr. Pradip Kumar Saha</td>
<td>Tuesday</td>
</tr>
<tr>
<td>4.</td>
<td>OCD Clinic</td>
<td>Dr. Pradip Kumar Saha, Dr. Uday Sankar Mandal</td>
<td>Wednesday</td>
</tr>
<tr>
<td>5.</td>
<td>Mood Clinic</td>
<td>Dr. Pradip Kumar Saha, Dr. Subir Bhattacharya</td>
<td>Saturday</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>April</th>
<th>May</th>
<th>June</th>
<th>July</th>
<th>Aug</th>
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<tr>
<td>De-addiction clinic</td>
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<tr>
<td>New</td>
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<td>8</td>
<td>9</td>
</tr>
<tr>
<td>Old</td>
<td>64</td>
<td>67</td>
<td>80</td>
<td>71</td>
<td>78</td>
<td>79</td>
<td>84</td>
<td>69</td>
<td>70</td>
<td>72</td>
<td>45</td>
<td>53</td>
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<tr>
<td>Geriatric clinic (&gt;50yrs)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>New</td>
<td>7</td>
<td>3</td>
<td>7</td>
<td>10</td>
<td>4</td>
<td>5</td>
<td>5</td>
<td>8</td>
<td>0</td>
<td>0</td>
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<td>09</td>
<td>13</td>
<td>24</td>
<td>18</td>
<td>16</td>
<td>32</td>
<td>25</td>
<td>20</td>
<td>30</td>
<td>12</td>
<td>58</td>
</tr>
<tr>
<td>OCD Clinic</td>
<td></td>
<td></td>
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<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>New</td>
<td>0</td>
<td>0</td>
<td>4</td>
<td>5</td>
<td>5</td>
<td>7</td>
<td>3</td>
<td>5</td>
<td>4</td>
<td>3</td>
<td>2</td>
<td>42</td>
</tr>
<tr>
<td>Old</td>
<td>0</td>
<td>0</td>
<td>2</td>
<td>8</td>
<td>14</td>
<td>16</td>
<td>27</td>
<td>24</td>
<td>22</td>
<td>21</td>
<td>18</td>
<td>10</td>
</tr>
</tbody>
</table>

The Department of Clinical Psychology has started functioning in March 2011 and is providing services on an outpatient and inpatient basis. The general outdoor runs on all working days where evaluation, management and
follow-ups are performed. Services offered include IQ assessment, psycho diagnostics, personality & neuropsychological assessment, cognitive retraining, psychotherapy & counselling (individual, family & group). Group therapy sessions are being conducted (along with PSW department) for ADHD & Conduct Disorder (separately for children & parents), Mental Retardation (for parents), OCD, substance abuse, dementia and life-skill education (for adolescents). The Department is also planning to expand its functioning in the area of Behavioural Medicine, i.e. use of psychological services in general medical conditions including burn cases, cancer, HIV/AIDS, gynaecological problems, cardio-vascular disease, pre- and post- surgery cases, dermatological issues, diabetes etc.

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

<table>
<thead>
<tr>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>April</th>
<th>May</th>
<th>June</th>
<th>July</th>
<th>Aug</th>
<th>Sept</th>
<th>Oct</th>
<th>Nov</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>IQ Assessment</td>
<td>250</td>
<td>217</td>
<td>235</td>
<td>228</td>
<td>242</td>
<td>207</td>
<td>195</td>
<td>216</td>
<td>203</td>
<td>185</td>
<td>236</td>
</tr>
<tr>
<td>Diagnostic psychometry</td>
<td>111</td>
<td>144</td>
<td>133</td>
<td>134</td>
<td>118</td>
<td>109</td>
<td>121</td>
<td>105</td>
<td>102</td>
<td>107</td>
<td>1314</td>
</tr>
<tr>
<td>Individual &amp; Group therapy</td>
<td>224</td>
<td>223</td>
<td>227</td>
<td>229</td>
<td>235</td>
<td>231</td>
<td>240</td>
<td>229</td>
<td>247</td>
<td>185</td>
<td>2270</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>April</th>
<th>May</th>
<th>June</th>
<th>July</th>
<th>Aug</th>
<th>Sept</th>
<th>Oct</th>
<th>Nov</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Individual &amp; Group therapy</td>
<td>316</td>
<td>253</td>
<td>256</td>
<td>200</td>
<td>221</td>
<td>220</td>
<td>205</td>
<td>206</td>
<td>212</td>
<td>177</td>
<td>2584</td>
</tr>
</tbody>
</table>

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

Department of Psychiatric Social Work

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

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

Services of Department of Psychiatric Social Work

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

Our current services

**Assessment**

- Psychosocial and Clinical assessment of individuals and family.

**Psychosocial Intervention**

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

**Rehabilitation**

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

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

Training and Men Power Development:
- Department started Master of Philosophy in Psychiatric Social Work (M. Phil PSW) a 2 years full time course in 2011. Apart from this, department will offer short term training to students and trainees of various courses such as MSW, rehabilitation and nursing professionals etc. We will be organizing various academic programmes time to time.

Research:
- Priority area of research of the department is psychosocial aspect of mental health, psychosocial disabilities/rehabilitation.

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

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

<table>
<thead>
<tr>
<th>Statistical report - Department of Psychiatric Social Work</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan</td>
</tr>
<tr>
<td>-------</td>
</tr>
<tr>
<td>Individual sessions (old) 51</td>
</tr>
<tr>
<td>Individual sessions (new) 30</td>
</tr>
<tr>
<td>Group Therapy 04</td>
</tr>
<tr>
<td>Group Meeting -</td>
</tr>
<tr>
<td>Home visits 04</td>
</tr>
<tr>
<td>Institutional visits -</td>
</tr>
</tbody>
</table>
The Department of Psychiatric Nursing

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

Psychiatric Nursing is an integral part of multidisciplinary team in providing holistic care to persons with mental illness. They also play an effective role in the preventive aspects of mental health by sensitizing the community with mental awareness programs. However, there is an acute 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 4 pm from Monday to Friday and from 9.00 am to 2 pm on Saturday in which psychiatric Nursing assessment and need based management of individuals and their family are being done. Our Current services:

PSYCHIATRIC NURSING ASSESSMENT
- Psychiatric Nursing assessment of individuals and family

PSYCHIATRIC NURSING INTERVENTION
- For individuals: based on the nursing diagnosis, tailor made interventions were planned and implemented.
- Tasks like assisting in the activities of daily living, milieu planning, group and individual recreational and occupational activities.
- Counseling on medication compliance, sleep hygiene, nutrition and other needs
- Social skill training for patients with chronic mental problems.
- Crisis management
- Group therapy for mentally challenged and their care givers, children with ADHD and their parents, children with conduct disorder and their parents, persons with OCD and their care givers, persons with substance abuse and behavioral problems and their families.(Along with Department of Clinical psychology and Psychiatric Social work).
- Family guidance based on the needs along with department of psycho social work.

REHABILITATION
- Follow up of chronic cases
- Assessment of Occupational skills of patients along with occupational therapist.
- Plan is to scale up community services along with Department of Psychiatry, IOP.
- Assisting in indoor based occupational therapy

COMMUNITY SERVICES:
- Home visits: For Psychosocial assessment and intervention along with department of psychiatric social work.
- Health education on various aspects related to mental health promotion and mental illness prevention
- School health programs as adolescent life skills, parenting skills and teachers training on childhood psychiatric disorders.
- Awareness program on geriatric mental health problem
- Community outreach program at Dhokalpur BPHC, Poilan, 24 Paraganas, south.
- Field visits to different NGO based old age home, halfway home and rehabilitation centers.
- Development of information, educational, and communication (IEC) material for community sensitization and education.

TRAINING AND MANPOWER DEVELOPMENT
- Department has started one year Diploma in Psychiatric Nursing which is recognized by INC and WBNC
- Department is also planning to start BSC Nursing and Masters in Psychiatric Nursing in the next academic year.

RESEARCH
On-going Research as a part of department of Psychiatric Nursing
- Non-compliance of medication in patient with schizophrenia by Prof. Pradip Kumar Saha, Mrs. Asha Sivaraman & Mrs. Kalpana Dey.
Statistical report - Department of Psychiatric Social Work

List of candidates diploma in psychiatric nursing course-2016
- Barnali Roy
- Chandrima Paria
- Priya Batul
- Suhita Dutta
- Sangita Panigrahi
- Sumana Das

List of departmental faculty joining and leaving after last inspection
(Psychiatric Nursing)

<table>
<thead>
<tr>
<th>DESIGNATION</th>
<th>NO.</th>
<th>NAMES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>JOINING FACULTY</td>
</tr>
<tr>
<td>Associate professor</td>
<td>1</td>
<td>Smt. Asha Shivaraman</td>
</tr>
<tr>
<td>Assistant professor</td>
<td>5</td>
<td>Smt. Papiya paul</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Smt. Jharna Bag</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Smt. Liza T. Daniel</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Smt. Payel Saha</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ms. Gita Purkait</td>
</tr>
<tr>
<td>Nursing Tutor</td>
<td>2</td>
<td>Smt. Bina pani kundu</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Smt. kalpana Dey</td>
</tr>
</tbody>
</table>

|                              |      | LEAVING FACULTY                             |
|                              |      | Smt. Papiya paul                           |
|                              |      | Smt. Jharna Bag                            |
|                              |      | Smt. Liza T. Daniel                        |
|                              |      | Smt. Bina pani Kundu (superannuation)      |

Department of Psychiatry Biochemistry & Psychiatry Pathology

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

The materialize this, Dr. M. Banerjee and Ms. Rita Guha were employed in November 2013. The proposed building was under construction - so a standwise space was demarked for the Lab on the 1st floor of the Office building of the Institute. The layout of the Lab was prepared by Dr. M. Banerjee and submitted to Dr. P.K.Saha for approval. Subsequently, three rooms were identified and their repair work started. The main room - Haematology/Bio-chemistry with its Electrical plumbing and infrastructure work is now completed. The work for the other two rooms earmarked for Clinical Pathology and Molecular Biology are still in progress. The reception and Phlebotomy rooms are also under minor renovation.

Simultaneously, the proposal for various instruments for the Department of Haematology/Coagulation, Routine Bio-Chemistry, Immunochemistry, Clinical Pathology and PCR have been submitted. Tender for all gadgets are in progress. In accordance with West Bengal Government regulations.

Test Menu for each Department has been made in consultation with Doctors according to Departmental requirements.
In the meantime, Dr. M. Banerjee attended NABL Audit Courses to be a certified Internal Auditor. In accordance with guidelines led down ISO 15189, 2012.

The departmental staff was increased from 2 to 4. Pathologist, Dr. S.K. Das and Mrs. Chitra Mondal was included in the team in June 2014.

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

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

**Free Legal Aid Centre at Institute of Psychiatry - COE**

Legal Aid Centre” inside the campus of Institute of Psychiatry - COE has been inaugurated and started functioning from 9th November, 2015 at 11:00 A.M. for legal help to the mental ill patients.
**Pulmonary Medicine (Chest)**

The Department of Pulmonary Medicine, caters to all forms of respiratory disorders among patients attending on OPD basis or admitted in the indoor departments. Cases are referred not only from the various districts of the state but also from neighbouring states as well as neighbouring countries of Nepal and Bangladesh.

**STAFF**

**Faculty**

<table>
<thead>
<tr>
<th>Name</th>
<th>Degrees</th>
<th>Post/ Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Somenath Kundu</td>
<td>MD</td>
<td>Professor</td>
</tr>
<tr>
<td>Dr. Surajit Chatterjee</td>
<td>MD, FCCP (USA)</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Ritabrata Mitra</td>
<td>MD, FCCP (USA)</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Ranjit Kumar Haldar</td>
<td>MD</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Sauvik Burman</td>
<td>MD</td>
<td>RMO cum Clinical Tutor</td>
</tr>
</tbody>
</table>

**Medical Officers**

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<tr>
<th>Name</th>
<th>Degrees</th>
<th>Post/ Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Amit Karmakar</td>
<td>MBBS</td>
<td>MO</td>
</tr>
<tr>
<td>Dr. Samar Das</td>
<td>MBBS</td>
<td>MO</td>
</tr>
</tbody>
</table>

**Junior Residents**

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Dr. Jyotirmoy Ghanta</td>
<td>Dr. Subhajit Sen</td>
<td>Dr. Subhankar Bera</td>
</tr>
<tr>
<td>Dr. Sibkinkar Lala</td>
<td>Dr. Rituparna Bose</td>
<td>Dr. Purnendu Dash</td>
</tr>
<tr>
<td>Dr. Somnath Sinharay</td>
<td>Dr. Raiza Hameed</td>
<td>Dr. Arindam Dutta</td>
</tr>
</tbody>
</table>

**FACULTY NEWS**

**Publications in last 3 years**

**Prof. Somenath Kundu**


**Dr. Surajit Chatterjee**

2. A cross sectional study on different time intervals associated with delay in lung cancer diagnosis. Accepted for publication in Journal of association of chest physicians.

**Dr. Ritabrata Mitra**


Dr. Souvik Barman

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

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

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

ONGOING RESEARCH WORK
- A cross sectional study on risk factors and its relation to outcome in patients admitted with community acquired pneumonia and health care associated pneumonia (Prof. S Kundu, Dr. Shibkinkar Lala)
- A prospective study on impact of diabetes mellitus on spectrum and outcome of tuberculosis in a tertiary care hospital. (Prof. S Kundu, Dr. Jyortimoy Ghanta)
- An observational study on Central nervous system manifestations of tuberculosis and non tubercular pulmonary diseases in a tertiary care hospital (Prof. S Kundu, Prof. Pulak kumar jana, Dr. Somnath Sinha Roy)
- A study on changes of clinical and arterial blood gas parameters in patients of primary and secondary spontaneous pneumothorax before and after tube thoracostomy. (Prof. S Kundu, Dr. Subhojit Sen).
- A study of risk factors of lung cancer and its relation with pathological types and staging. (Prof. S Kundu, Dr. Surajit Chatterjee, Dr. Rituparna Bose)
- A study on factors associated with hospitalization among tuberculosis patients: A cross sectional study in a tertiary care hospital. (Prof. S Kundu, Dr. Ritabrata Mitra, Dr. Raiza Hameed)
- A study on diagnostic importance of Cartridge Based Nucleic Acid Amplification Test in pulmonary and extra pulmonary tuberculosis (Prof. S Kundu, Dr. Subhankar Bera)
- Role of fibreoptic Bronchoscopy and thoracic computerized tomography in the diagnostic work up of cases of moderate to severe hemoptysis admitted in a tertiary care hospital (Prof. S Kundu, Dr. Surajit Chatterjee, Dr. Purnendu Dash)
- A study on etiology and diagnostic modalities for cases with solitary pulmonary opacity in chest roentgenogram(Prof. S Kundu, Dr. Ritabrata Mitra, Dr. Arindam Dutta).

162
Conferences attended

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

SERVICE INFORMATION

Present unit composition and OPD days:

<table>
<thead>
<tr>
<th>Unit</th>
<th>Name</th>
<th>OPD days</th>
</tr>
</thead>
<tbody>
<tr>
<td>I A</td>
<td>Prof. (Dr.) Somenath Kundu</td>
<td>Monday, Thursday 1st, 3rd, 5th</td>
</tr>
<tr>
<td>I B</td>
<td>Dr. Surajit Chatterjee Assistant. Professor</td>
<td>Tuesday, Friday: 2nd, 4th, 5th (rotational)</td>
</tr>
<tr>
<td>I C</td>
<td>Dr. Ritabrata Mitra Assistant. Professor</td>
<td>Wednesday, Friday: 1st, 3rd, 5th (rotational)</td>
</tr>
<tr>
<td>I D</td>
<td>Dr. Ranjit Kumar Haldar Assistant Professor</td>
<td>Saturday, Thursday 1st, 3rd</td>
</tr>
</tbody>
</table>

OPD attendance

<table>
<thead>
<tr>
<th>OPD</th>
<th>New patients (37,812)</th>
<th>Male: 23456</th>
<th>Female: 14356</th>
</tr>
</thead>
<tbody>
<tr>
<td>OPD</td>
<td>Old patient (16,208)</td>
<td>Male: 10172</td>
<td>Female: 6036</td>
</tr>
</tbody>
</table>

Total: 54,020

- Nebulisation and other emergency care 3010
- Thoracocentesis- 975

Spirometry

<table>
<thead>
<tr>
<th>OPD</th>
<th>8055</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor cases specially preoperative cases of SSKM and BIN</td>
<td>859</td>
</tr>
</tbody>
</table>

RNTCP services and DOTS clinic

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total No. of sputum examined</td>
<td>2265</td>
</tr>
<tr>
<td>Total No of Sputum positive</td>
<td>208</td>
</tr>
<tr>
<td>CBNAAT study of pulmonary and extra pulmonary cases</td>
<td>550</td>
</tr>
<tr>
<td>Total MDR TB cases diagnosed</td>
<td>13</td>
</tr>
<tr>
<td>Total Indoor Patients put on DOTS</td>
<td>457</td>
</tr>
<tr>
<td>Total Outdoor Patients given DOTS from SSKM PHI</td>
<td>76</td>
</tr>
<tr>
<td>Total Patients refer outside Kolkata</td>
<td>789</td>
</tr>
<tr>
<td>Total patient refer within Kolkata</td>
<td>380</td>
</tr>
</tbody>
</table>
**Indoor patients**

**Bed strength : 54**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Admission</td>
<td>1360</td>
</tr>
<tr>
<td>Cases with successful outcome</td>
<td>1006</td>
</tr>
<tr>
<td>Bed occupancy</td>
<td>96%</td>
</tr>
<tr>
<td>Bed turnover</td>
<td>11.5 days</td>
</tr>
</tbody>
</table>

**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.

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

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

STAFF

Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Degrees</th>
<th>Post/Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Utpalendu Das</td>
<td>MBBS, MD, DMRD</td>
<td>Professor &amp; Head</td>
</tr>
<tr>
<td>Dr. Sohini Sengupta</td>
<td>MBBS, MD</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. Nihar Ranjan Sarkar</td>
<td>MBBS, MD</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. Sukharaman Howladar</td>
<td>MBBS, MD</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Sumit Chakrabarty</td>
<td>MBBS, MD</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Archana Singh</td>
<td>MBBS, MD</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Samir Rana</td>
<td>MBBS, MD</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Sudipta Saha</td>
<td>MBBS, MD</td>
<td>RMO Cum Clinical Tutor</td>
</tr>
<tr>
<td>Dr. Samiran Samanta</td>
<td>MBBS, DMRD</td>
<td>RMO Cum Clinical Tutor</td>
</tr>
<tr>
<td>Dr. Dinendra Kumar Saha</td>
<td>MBBS, MD</td>
<td>RMO Cum Clinical Tutor</td>
</tr>
<tr>
<td>Dr. Susanta Singha</td>
<td>MBBS</td>
<td>Tutor</td>
</tr>
<tr>
<td>Dr. A K M Wasim Rahman</td>
<td>MBBS</td>
<td>Tutor</td>
</tr>
<tr>
<td>Dr. Sudipta Sarkar</td>
<td>MBBS, MD</td>
<td>Senior Resident</td>
</tr>
</tbody>
</table>

Postgraduate trainees

MD

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Koushik Nayek</td>
<td>Dr. Amit Mondal</td>
<td>Dr. Annapurna Patwari</td>
</tr>
<tr>
<td>Dr. Manish Kumar</td>
<td>Dr. Dinesh Jain</td>
<td>Dr. Taraknath Biswas</td>
</tr>
<tr>
<td>Dr. Moon Kanjial</td>
<td>Dr. Manisha Agarwal</td>
<td>Dr. Dinabandhu Dey</td>
</tr>
<tr>
<td>Dr. Shweta Kothari</td>
<td>Dr. Puja Shah</td>
<td>Dr. Jyotish Roy</td>
</tr>
<tr>
<td>Dr. Sujata Bhowal</td>
<td>Dr. Ashish</td>
<td>Dr. Bijayalaxmi Gayari</td>
</tr>
<tr>
<td>Dr. Lovepreet Singh</td>
<td>Dr. Chhabi</td>
<td>Dr. Krishnendu Deb</td>
</tr>
<tr>
<td>Dr. Mahuya Ghosh (MO-TR)</td>
<td>Dr. Monalisha Hazra (MO-TR)</td>
<td>Dr. Lakshmi Ram Mahali</td>
</tr>
<tr>
<td>Dr. Kousik Ghosh (MO-TR)</td>
<td>Dr. Sushanta Sarkar (MO-TR)</td>
<td>Dr. Debanu Dey</td>
</tr>
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Teachers transferred out

<table>
<thead>
<tr>
<th>Name</th>
<th>Designation</th>
<th>Transferred to</th>
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</thead>
<tbody>
<tr>
<td>Dr Sukharaman Hawlader</td>
<td>Assistant Professor</td>
<td>North Bengal Medical College as Associate Professor</td>
</tr>
<tr>
<td>Dr Barindranath Mallick</td>
<td>Assistant Professor</td>
<td>Murshidabad Medical College as Associate Professor</td>
</tr>
</tbody>
</table>

FACULTY NEWS

Prof. Utpalendu Das

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

Dr. Nihar Ranjan Sarkar.

- DRD Examiner (External) 2016 at RTIICS, Kolkata.
- Co-guide of Thesis Paper of P.G. Students of Radiology and G&O.
- Teaching of M.D. and D.R.D. (Tech) students.

Dr. Sumit Chakrabarty

165
• Appointed as external examiner of DRD students in VIMS. In August, 2016

Publications
• Automated Detection and Classification of Mass from Breast Ultrasound Images
• Date Added to IEEE Xplore: 13 June 2016 Electronic ISBN: 978-1-4673-8564-0 INSPEC Accession Number: 16071961

Dr. Sudipta Saha
• Teaching of M.D. and D.R.D. (Tech) students. Publications:

Publications
• Vitamin D supplementation reduces thyroid peroxidase antibody levels in patients with autoimmune thyroid disease: An open-labeled randomized controlled trial - Indian Journal of Endocrinology and Metabolism; Year: 2016 | Volume : 20 | Issue : 3 | Page : 391-398.
• Deterioration of ovarian function after total abdominal hysterectomy with preservation of ovaries: endocrine practice: Vol 22 No. 12 December 2016
• MRI findings of meningioma in various locations: a pictorial review: PJR July - September 2015; 25(3): 106-111
• A rare case of basilar tip aneurysm : PJR April - J une 2016; 26(2): 126-128
• Kienbock's disease: diagnosis by mri (magnetic resonance imaging) in a patient with normal radiographic featureS: PJR April -J une 2016; 26(2): 137-139
• Sinus pericranii: a case report : PJR April - J une 2016; 26(2): 124-125
• Transient lateral subluxation of patella :typical MRI (3T) findings : PJR April - J une 2016; 26(2): 131-133

Dr. Samiran Samanta
• Attended IRIA state and national conferences in 2016.
• Teaching of DRD & MD students.

Publications:
• MRI findings of meningioma in various locations: a pictorial review: P JR July - September 2015; 25(3): 106-111
• A rare case of basilar tip aneurysm : PJR April - J une 2016; 26(2): 126-128
• Kienbock's disease: diagnosis by mri (magnetic resonance imaging) in a patient with normal radiographic featureS: PJR April -J une 2016; 26(2): 137-139
• Transient lateral subluxation of patella :typical MRI (3T) findings : PJR April - J une 2016; 26(2): 131-133

Dr. Dinendra Kumar Saha
• 01. Internal DRD Examiner in IPGME&R
• 02. Teaching DRD Students of IPGME&R.

REGULAR ACADEMIC ACTIVITIES

a) Clinical Meetings are held on every Friday & Saturday.
b) Presentation of papers, journal clubs, and film reading seasons 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

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shweta Kothari</td>
<td>Role of DWI and MR spectroscopy in diagnosis and prognostication of breast cancer.</td>
</tr>
<tr>
<td>Koushik Kumar Nayak</td>
<td>Radiological evaluation and correlation of thickness and hydration status of cartilage in knee osteoarthritis.</td>
</tr>
<tr>
<td>Koushik Mondal</td>
<td>Ultrasonography of thyroid gland during pregnancy – Comparison among trimesters</td>
</tr>
<tr>
<td>Thesis topics 2014-2017 batch MD Radiodiagnosis PGTs</td>
<td></td>
</tr>
<tr>
<td>---------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td><strong>Lovepreet Singh Randhawa</strong></td>
<td>Comparison of transthoracic lung ultrasonography with HRCT in diagnosis of alveolo-interstitial syndrome of systemic scleroderma.</td>
</tr>
<tr>
<td><strong>Mahuya Ghosh</strong></td>
<td>Evaluation of sinonasal mass by CT scan and its clinicopathological correlation.</td>
</tr>
<tr>
<td><strong>Manish Kumar</strong></td>
<td>Detection and characterisation of intracranial aneurysm 3T MR angiogram vs DSA with 3D reconstruction.</td>
</tr>
<tr>
<td><strong>Moon Kanjilal</strong></td>
<td>Evaluation of ankle sprain by USG and MRI.</td>
</tr>
<tr>
<td><strong>Sujata Bhowal</strong></td>
<td>Conventional and MR arthrographic correlation of labroligamentous complex and rotator cuff pathologies in recurrent anterior dislocation of shoulder.</td>
</tr>
</tbody>
</table>

**Thesis work ongoing**
Thesis topics 2014-2017 batch MD Radiodiagnosis PGTs

<table>
<thead>
<tr>
<th>Thesis topics 2014-2017 batch MD Radiodiagnosis PGTs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pooja Shah</strong></td>
</tr>
<tr>
<td><strong>Sushanta Sarkar</strong></td>
</tr>
<tr>
<td><strong>Manisha Agarwal</strong></td>
</tr>
<tr>
<td><strong>Monalisa Hazra</strong></td>
</tr>
<tr>
<td><strong>Amit Mondal</strong></td>
</tr>
<tr>
<td><strong>Chhabi</strong></td>
</tr>
<tr>
<td><strong>Dinesh</strong></td>
</tr>
<tr>
<td><strong>Asish</strong></td>
</tr>
</tbody>
</table>

**Departmental publications (PGTs)**

<table>
<thead>
<tr>
<th>Departmental publications (PGTs)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>01.</strong> Automated Detection and Classification of Mass from Breast Ultrasound Images</td>
</tr>
<tr>
<td><strong>03.</strong> Deterioration of ovarian function after total abdominal hysterectomy with preservation of ovaries : endocrine practice</td>
</tr>
<tr>
<td><strong>04.</strong> MRI findings of meningioma in various locations: a pictorial review/</td>
</tr>
<tr>
<td><strong>05.</strong> A rare case of basilar tip aneurysm/</td>
</tr>
<tr>
<td><strong>06.</strong> Frontonasal meningoencephalocele in 3t mri; a case report</td>
</tr>
<tr>
<td><strong>07.</strong> Kienbock’s disease: diagnosis by mri (magnetic resonance imaging) in a patient with normal radiographic features</td>
</tr>
<tr>
<td><strong>09.</strong> Transient lateral subluxation of patella :typical MRI (3T)</td>
</tr>
</tbody>
</table>
### SERVICE INFORMATION

#### Conventional X-ray

<table>
<thead>
<tr>
<th>Month</th>
<th>Total cases</th>
<th>Total exposure</th>
<th>15x12 Film</th>
<th>12x10 Film</th>
<th>10x8 Film</th>
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</thead>
<tbody>
<tr>
<td>DEC’15 to NOV’16</td>
<td>25674</td>
<td>56866</td>
<td>28742</td>
<td>15251</td>
<td>2376</td>
</tr>
<tr>
<td>IVU</td>
<td>606</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barium Meal</td>
<td>163</td>
<td>92</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barium Swallow</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barium Enema</td>
<td>113</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distal Cologram</td>
<td>88</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fistulogram</td>
<td>225</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ASU &amp; MCU</td>
<td>53</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T-Tube</td>
<td>HSG 27</td>
<td></td>
<td></td>
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</tbody>
</table>

#### Digital X-ray

<table>
<thead>
<tr>
<th>Month</th>
<th>Total cases</th>
<th>Free Case</th>
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</thead>
<tbody>
<tr>
<td>JAN’16 to NOV’16</td>
<td>68400</td>
<td>3053</td>
</tr>
<tr>
<td>IVU</td>
<td>584</td>
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<tr>
<td>Barium Meal</td>
<td>19</td>
<td>38</td>
</tr>
<tr>
<td>Barium Swallow</td>
<td>0</td>
<td>9</td>
</tr>
<tr>
<td>Barium Enema</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Distal Cologram</td>
<td>0</td>
<td>312</td>
</tr>
<tr>
<td>Fistulogram</td>
<td>312</td>
<td>2</td>
</tr>
<tr>
<td>ASU &amp; MCU</td>
<td>283</td>
<td></td>
</tr>
<tr>
<td>T-Tube</td>
<td>HSG</td>
<td></td>
</tr>
</tbody>
</table>

#### Ultrasonography

<table>
<thead>
<tr>
<th>Month</th>
<th>Total cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEC’15 to NOV’16</td>
<td>48356</td>
</tr>
</tbody>
</table>

#### MRI (3 Tesla)

<table>
<thead>
<tr>
<th>Month</th>
<th>Total Cases</th>
<th>Total Investigations</th>
<th>Film Expenses</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEC’15 to NOV’16</td>
<td>6653</td>
<td>8416</td>
<td>17896</td>
</tr>
</tbody>
</table>
Radiotherapy

FACULTY

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

Postgraduate trainees

Dr Shreyas Ram, MD (Session 2014-17)
Dr Dharmendra Singh, MD (Session 2014-17)
Dr Vasudha  MD (Session 2014-17)
Dr Avinab Acharya, MD (Session 2014-17)
Dr Soma Halder, MD (Session 2014-17)
Dr Tanmoy Byapari, MD (Session 2014-17)
Dr Pritam Sardar, MD (Session 2015-18)
Dr Prerana, MD (Session 2015-18)
Dr Alokdut, MD (Session 2015-18)
Dr Rejakul Islam, MD (Session 2015-18)
Dr Koustaw Chatterjee, MD (Session 2015-18)
Dr Suman Meyur, MD (Session 2016-19)
Dr Amit Saklani, MD (Session 2016-19)
Dr Arnab Roy, MD (Session 2016-19)
Dr Annessa Lahiri, MD (Session 2016-19)
Dr Bidhan, MD (Session 2016-19)
Dr Antony Vergese, DMRT (Session 2015-2017)
Dr Souvik Das, DMRT (Session 2016-2018)
Dr Ansuman, DMRT (Session 2016-2018)
Dr Raja Bhoumik, DMRT (Session 2016-2018)

Transfers & Postings

- Dr Suman Ghorai, Assistant Professor was promoted and transferred as Associate Professor in Bankura Sammilani Medical College & Hospital, Bankura
- Dr Sumana Maiti was Promoted as Assistant Professor in the Department.
FACULTY NEWS

Prof. Siddhartha Basu
• Thesis guide for MD (Radiotherapy) students
• Attended National level Conferences.

Prof. Santanu Pal
• Thesis guide for MD (Radiotherapy) students.
• Examiner for MD (RT) examination of WBUHS.
• Elected as President of Association of Radiation Oncologists of India, West Bengal Chapter

Prof. Alok Ghosh Dastidar
• Thesis guide for MD (Radiotherapy) students.
• Attended International & National level Conferences.

Dr. Kiran Shankar Bhattacharya
• Convener of DRT Examination.

Dr. Koushik Chatterjee
• Attended International & National level Conferences.

Dr. Sumana Maiti
• Attended national & State Conferences & Workshop
• Published papers in International Journals

Dr. Suparna Kanti Pal
• Attended National & State Conferences & Workshop

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

Thesis publications, students and research information
• Dr Rajeev Bhattacharya, Dr. Ranti Ghosh Dr. Biswadeep Chandra Dr Soumen Mukherjee Dr Vishnu Gopal Dr Shiladitya Roy Choudhury and Dr Subir Pal have passed the MD (RT) Examinations
• The department conducts both Investigator initiated and Regulated Clinical Trials.
• Paramedical course - DRT is being taught, no of students- 6 per year

The department conducts both Investigator initiated and Regulated Clinical Trials.
SERVICE INFORMATION

- Bed location: Radiotherapy ward (male and female), Radiotherapy Building 1st floor.
- Number of beds: Female- 29, Male-31, Total-60
- Number of Cabins: Female -2, Male-2, Total-4
- Total number of patients admitted: From November 2015- October 2016—Male-3416, Female-2898, Total-6314

OPD location- Radiotherapy OPD complex Ground Floor.
- OPD attendance- From November 2015 to October 2016 -19105
- Special Clinic (Tumor Board) attendance: From November 2015- October 2016 —1753
- New cases registered: From November 2015- October 2016 —3248
- Number of cases receiving Chemotherapy: 6687
- Patient on Radiotherapy - 65

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

NEW DEVELOPMENTS

- State of Art Cobalt Machine – Bhabatron II has been commissioned for the purpose of External beam Radiotherapy.
- A CT Simulator has been commissioned to provide for better patient care and appropriate teaching facility for the Post Graduate Students.
- A new OPD Complex for RT OPD is being constructed.
# Rheumatology

## Faculty

<table>
<thead>
<tr>
<th>Designation</th>
<th>Name &amp; qualification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor &amp; Head</td>
<td>Dr. Alakesh Ghosh, DNB (Medicine), FRCP (London)</td>
</tr>
<tr>
<td>Professor</td>
<td>Dr. Parasar Ghosh, MD (Medicine), DM (Clinical Immunology)</td>
</tr>
<tr>
<td>Associate Professor</td>
<td>Dr. Pradyot Sinhamanapatra, MD (Medicine), DNB (Medicine)</td>
</tr>
<tr>
<td>Assistant Professors</td>
<td>Dr. Subhankar Haldar, MD (Medicine)</td>
</tr>
<tr>
<td>RMO cum Clinical Tutor</td>
<td>Dr. Anupam Maity, MD (Medicine)</td>
</tr>
<tr>
<td>Radiologist</td>
<td>Dr. Debasish Lahiri MBBS, DMRD</td>
</tr>
</tbody>
</table>

| DM Student 3rd Year          | Dr. Rudra Prasad Goswami                                  |
| DM Student 2nd Year          | Dr. Sumantro Mondal                                       |
| DM Student 1st Year          | Dr. Geeta Bali Sircar                                      |
| Senior Resident              | Dr. Deepak Rath                                           |

## PhD Scholars

JRF, SRF, PhD Scholars

- Sampurna Roy Choudhury Mazumder
- Ayindara Saha Basak
- Sanchita Misra
- Sudipta Chatterjee
- Dipanjan Bhattacharjee
- Sulagna Chatterjee
- Anwesha Bandypadhyay

## Sisters

Indoor / Outdoor / Day care

- Swapna Giri - Sister in charge Rheumatology Department
- Sumita Hore - Day care
- Ranjana Dutta
- Joyeeta Bar
- Sudekshna Banerjee
- Rinku Roy
- Keka Panchadhyai
- Kaberi Dey

## Lab and office staff

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laboratory Technician</td>
<td>Halim Molla</td>
</tr>
<tr>
<td>Clerical Staff (Non-Govt., from Project)</td>
<td>Gita Rani Ghosh Roy</td>
</tr>
<tr>
<td>DXA Technician (Non-Govt., from Project)</td>
<td>Sandip Das</td>
</tr>
<tr>
<td>Group-D Staff (From Sainik Board)</td>
<td>Jyotia Dhar</td>
</tr>
<tr>
<td>Group-D Staff (Non-Govt., from Project)</td>
<td>Vinod Mallick</td>
</tr>
</tbody>
</table>
SERVICE INFORMATION

<table>
<thead>
<tr>
<th>Services</th>
<th>Details</th>
<th>Frequency</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outpatient</td>
<td>Rheumatology OPD</td>
<td>Thrice/week (Monday, Wednesday &amp; Friday)</td>
<td>270 - 400 per day</td>
</tr>
<tr>
<td>services</td>
<td>Lupus clinic</td>
<td>Once/week (Tuesday)</td>
<td>90 - 110 per week</td>
</tr>
<tr>
<td></td>
<td>Early Arthritis clinic / Scleroderma clinic / Vasculitis clinic / Biologics board</td>
<td>Once/week (Thursday)</td>
<td>60 - 80 per week</td>
</tr>
<tr>
<td></td>
<td>Pediatric Rheumatology</td>
<td>Once / Week (Thursday)</td>
<td>10 - 20 per visit</td>
</tr>
<tr>
<td>Indoor</td>
<td>Rheumatology Building 2nd Floor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Male)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Indoor</td>
<td>Rheumatology Building 3rd Floor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Female)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Day Care</td>
<td>Intra-articular injection</td>
<td></td>
<td>330 - 365 per month</td>
</tr>
<tr>
<td></td>
<td>Nerve biopsy / Muscle biopsy</td>
<td></td>
<td>2 - 3 per month</td>
</tr>
<tr>
<td></td>
<td>Injection Endoxon intravenous</td>
<td></td>
<td>30 per month</td>
</tr>
<tr>
<td></td>
<td>Injection biologicals (Infliximab, Rituximab, Tocilizumab, Abtacept etc.)</td>
<td></td>
<td>15 - 20 per month</td>
</tr>
<tr>
<td></td>
<td>Lip biopsy</td>
<td></td>
<td>3 per week</td>
</tr>
<tr>
<td>Imaging</td>
<td>BMD DEXA</td>
<td>Twice/week (Tuesday &amp; Thursday)</td>
<td>25 - 30 per week</td>
</tr>
<tr>
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<td>MSK-USG/PDUS</td>
<td>Monday to Saturday</td>
<td>60 - 75 per week</td>
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<tr>
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<td>Kidney biopsy – USG guided</td>
<td></td>
<td>8 - 10 per month</td>
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<td></td>
<td>USG - guided intra-articular injection</td>
<td>Monday &amp; Friday</td>
<td>5 - 10 per week</td>
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<tr>
<td>Laboratory</td>
<td>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.</td>
<td>Done regularly</td>
<td></td>
</tr>
<tr>
<td>services</td>
<td></td>
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</tr>
</tbody>
</table>

Academic activities

- Seminars on every Monday
- Journal club / scan on every Tuesday
- Seminars on basic research in Immunology on every Wednesday
- Seminars on recent advances on every Friday by PDTs and Faculties
- Interactive case presentation by PDTs on every Thursday

Achievements and support

This is the perhaps the only rheumatology department in the country which is having a dedicated six-storied building. This is also the only department in the country which is having “Rheuma Lab” in the form of musculoskeletal ultrasonography machine and extremity MRI machine. The department is also involved in research (epidemiological, clinical and basic immunology) projects sanctioned by DST and ICMR. It has also become a Government of India DST-FIST-sponsored department on the basis of these research activities.
RHEUMATOLOGY TRAINING
• DM Course started from 2013 with two post doctoral trainee per year. The course has been approved by Medical Council of India. First batch completed their training this year.
• Short course training in Rheumatology for Post doctoral trainee of different institutions of India. Two batches from CMC Vellore and SGPGI Lucknow completed their training and a batch from Indraprastha Apollo New Delhi has registered for training.
• PhD course on basic immunology and Rheumatology.

RESEARCH GRANTS
• Evaluation of Immunomodulatory activity of Black Tea (Camelia sinensis) Extract in Rheumatoid Arthritis: An In vitro Study of Expression of Inflammatory Molecules and Cytokines in Synovial Fluid and Tissue Cells of Patients of RA: National Tea Research Foundation
• Delineating the therapeutic effectiveness of theaflavin-3,3-digallate (TF3) – an active compound of black tea (Camelia sinensis) by inhibiting angiogenesis and inducing apoptosis in the synovial fibroblasts of RA patients. Code No. NTRF:174/2015 : National Tea Research Foundation
• Association of Periodontitis in patients with Rheumatoid Arthritis and their therapeutic impact on RA disease activity with special reference to characterization of the causative microorganism. Department of Science & Technology, Government of West Bengal.

DST-FIST SUPPORT
DST-FIST infrastructural support for expanding research activity is ongoing.

Publications

Prof. Alakendu Ghosh
• Inflammatory Muscle Diseases. In API Textbook of Medicine 2016;2539-44

Prof. Parasar Ghosh

Dr. Pradyot Sinhamahapatra
- Inflammatory Muscle Diseases. In API Textbook of Medicine 2016;2539-44

Dr. Rudra Prasad Goswami

Dr. Sumantro Mondal
- Ultrasound is a useful adjunct in diagnosis of eosinophilic fasciitis. S Mondal, RP Goswami, D Sinha, A Ghosh. Rheumatology 54 (11), 2041-2041.

Dr. Kaushik Basu

Dr. Shyamashis Das
School of Digestive and Liver Diseases

FACULTY

Medical Gastroenterology
- Prof. Gopal Krishna Dhali
- Dr. Kshaunish Das
- Dr. Rajib Sarkar
- Dr. Partha Sarathi Patra
- Dr. Debashis Misra

Hepatology and Center for Liver Research
- Prof. Amal Santra
- Prof. Abhijit Chowdhury
- Dr. Soma Banerjee
- Dr. Kausik Das
- Dr. Simanti Datta
- Dr. Mahiuddin Ahammed
- Dr. Suparna Pal

GI and Liver Pathology
- Dr. Ranajoy Ghosh
- Dr. Aniket Halder

GI Surgery
- Prof. Sukanta Ray
- Dr. Sumit Sanyal
- Dr. Somak Das

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

GI Radiology
Dr. Avik Sarkar

Students / Trainees / Fellows
- Senior Residents (Medical + Surgical GE) 4
- Senior research Fellow 1
- DM (Medical Gastroenterology & Hepatology): 20
- MCh (Surgical Gastroenterology): 1
- Students pursuing PhD: 10
- Students submitted PhD thesis: 5

Medical officers 4

ACADEMIC ACTIVITIES

Publications from SDLD in 2016


Manuscripts communicated/Accepted or under revision


6. Percutaneous drainage may not be necessary in a significant subset of patients with complicated liver abscess. Saptarishi Bishnu, P. S. Patra, Das K, accepted in tropical gastroenterology.

ONGOING PROJECTS

<table>
<thead>
<tr>
<th>SN</th>
<th>Title / Investigators</th>
<th>Duration</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>“Assessment of the burden of metabolic syndrome linked disease in general population: Organization of cohort for future studies” PI: Dr. Abhijit Chowdhury</td>
<td>2 years</td>
</tr>
<tr>
<td>2</td>
<td>“Study to explore the risk of chronic liver injury and liver fibrosis in patients treated with anti tubercular drugs” PI: Dr Rajib Sarkar</td>
<td>3 years</td>
</tr>
<tr>
<td>3</td>
<td>“Assessment of liver disease burden inamong tribal children: A community based clinic-epidemiological and biochemical study” PI: Dr. Debashis Misra</td>
<td>3 years</td>
</tr>
</tbody>
</table>
4  “Crohn’s disease in India: A multicentre study from country where intestinal tuberculosis as well as crohn’s disease is endemic”
PI: Dr. G. K. Dhali
3 years

5  Integrative analysis of miRNA and miRNA in liver tissues and exosomes from blood of hepatitis C virus (HCV) related hepatocellular carcinoma (HCC) patient to identify biomarker and regulators of HCC.
# BT/PR11971/MED/29/890/2014
Funding Agency: DBT
PI: Dr. Soma Banerjee

6  Identification of Hepatitis B virus DNA integration site in liver tissue of HBV related Cirrhosis and Hepatocellular carcinoma patients to understand the mechanism of Hepatocarcinogenesis.
# 75/ST/P/S&T/9G-21/2012.
Funding Agency: West Bengal State DST
PI: Dr. Soma Banerjee
May, 2013-April, 2016

7  Study to understand the importance and contribution of telomere, telomeric proteins and telomerase in the development of hepatocellular carcinoma.
# 27(0305)/14/EMR-II
Funding Agency: CSIR
PI: Dr. Soma Banerjee
January, 2015-December, 2018

8  Insight into the pathogenic potential of prevalent hepatitis B virus (HBV) genotypes/subgenotypes associated with the development liver cirrhosis and hepatocellular carcinoma in Eastern India and its molecular analysis to understand the disease severity.
Funding Agency: WB DST
PI: Dr Soma Banerjee
2016-2019

9  Identification of a non-invasive biomarker to distinguish patients with Intestinal tuberculosis (ITB) and Crohn’s disease (CD) from integrated mRNA and microRNA transcriptome sequencing.
Funding Agency: WB DBT
PI: Dr Soma Banerjee
2016-2019

10  Biology of Hepatitis B virus of genotype D in an integrated clinico-virological perspective
Funding Agency: DBT
PI: Dr. Abhijit Chowdhury
2013-2016

11  Viral quasispecies diversity and associated peripheral and intrahepatic immunological events in Indian patients during different phases of chronic HBV infection- an insight into disease evolution
Funding Agency: WB DST
PI: Dr. Simanti Datta
2015-2018

12  Tracing the role of Myeloid Derived Suppressor Cells in HBV immunopathogenesis.
Funding Agency: WB DBT
PI: Dr. Simanti Datta
2015-2018

Meetings attended and awards received

National meeting
Presented posters
1. Poster presented by Rajiv Kumar Mondal in Symposium on ‘Biology and Molecular Pathogenesis of Viruses’, 2016, IISc Bangalore. Title: “Mutations in coding & regulatory regions of HBV synergistically contribute to its occult phenotype in chronic HCV carriers.”
3. Poster presented by Suchandrima Ghosh in 24th Annual Conference of Indian National Association for Study of the Liver (INASL), 2016, Gurgaon, Delhi, India, on “Investigation of Therapeutic Potential of microRNA-509-5p for HCV infection.”

Awarded posters and talks
5. Best poster award received by Debanjali Dasgupta in 24th Annual Conference of Indian National Association for Study of the Liver (INASL), 2016, Gurgaon, Delhi, India. Title of the poster: “MicroRNA-124 ameliorates alcohol induced liver injury by restricting multiple components involved in intracellular cross talk.”


7. 2nd prize awarded for oral presentation to Debanjali Dasgupta in 24th Annual Conference of Indian National Association for Study of the Liver (INASL), 2016, Gurgaon, Delhi, India, for presenting “Oncogenic Potential of Hepatitis B Virus Subgenotype D1 Surpasses D3: Significance in the development of Hepatocellular carcinoma.”

8. 3rd prize awarded for oral presentation to Debanjali Dasgupta at CCHuGe one day symposium November, 2016 at Jhargram, West Bengal, for presenting “MicroRNA-124 ameliorates alcohol induced liver parenchymal injury by targeting multiple components involved in kupffer cell-hepatocyte cross talk.”

International meetings
Presented posters
1. Poster presented by Madhuparna Nandi in 18th Annual International Meeting of The Institute of Human Virology, September 19-22, 2016, Baltimore, USA, on “CD8+ CD28- T Cells : A major T cell subset with diverse functions in chronic HBV infection.”

2. Poster presentation by Dr Guurubasava Lakamaji in APDW2016 , Kobe , Japan titled “Assessment of health related quality of life in Indian patients with ulcerative colitis”

Awarded Posters
3. Registration Fee Waiver Award received by MousumiKhatun in 2016 International Meeting on Molecular Biology of Hepatitis B Viruses, Seoul, South Korea, September 21-24, 2016, for poster presentation on “Insights into the pathogenic potentials of subgenotypes D1, D2, D3 & D5 of Hepatitis B Virus.”

4. Mousumi Khatun was Awarded DST Travel Grant under ITS Scheme for attending ‘2016 International Meeting on Molecular Biology of Hepatitis B Viruses’ at Seoul, South Korea, September 21-24, 2016

5. Travel Award received by Debanjali Dasgupta in 2016 International Meeting on Molecular Biology of Hepatitis B Viruses, Seoul, South Korea, September 21-24, 2016, for poster presentation on “Oncogenic Potential of Hepatitis B Virus Subgenotype D1 Surpasses D3: Significance in the development of Hepatocellular carcinoma.”

Students Awarded Ph.D. Degree
1. Dr. Alip Ghosh
2. Dr. Somenath Datta
3. Dr. Priyanka Banerjee
4. Dr. Rajiv Kumar Mondal
5. Dr. Debosree Bishnoo

Awards and Membership received by faculty
- Dr. Soma Banerjee has received ICMR International Fellowship for Biomedical Scientist, 2016.
• Dr. Simanti Datta is elected as Member of The National Academy of Sciences, India, 2016.

**Invited lectures**

By Dr. Soma Banerjee:

• 2nd International Conference on Translational Research at KIIT, Bhubaneswar-2016. Title of the talk was “Evaluation of therapeutic potential of miRNA-124 in alcohol induced liver diseases (ALD)”

• Symposium on ‘Biology and Molecular Pathogenesis of Viruses’ at Indian Institute of Science, Bangalore-2016. Title of the talk was “Significance of Genotype and Subgenotype of Hepatitis B Virus on Hepatocellular carcinoma Development: A Molecular Insight”.

• Two days symposium on next generation sequencing organized by Bioserve biotechnology and Centre for Cellular and Molecular Biology (CCMB), Hyderabad-2016. Title of the talk was “MicroRNAs: Potential Biomarker, Therapeutics and Gene Regulator in Hepatocellular carcinoma identified from genome wide analysis”.

• International conference on translational research, Bose Institute, Kolkata-2016. Title of the talk was “MicroRNA-199a-3p Suppresses Tumor Growth, Migration, Invasion and Angiogenesis in Hepatocellular Carcinoma by Targeting VEGFA, VEGFR1, VEGFR2, HGF and MMP2”

• BITS conference on gene and genome regulation, BITS Pilani, Rajasthan -2016. Title of the talk was “Identification of a molecular therapeutic for hepatocellular carcinoma (HCC) from genomic study”.

• 17th all India congress of cytology and genetics and international symposium on exploring genomes: The new frontier, Indian Institute of Chemical Biology, Kolkata, 2015. Title of the talk was “Identification of a molecular therapeutic for hepatocellular carcinoma (HCC) from genomic study”.

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**SERVICE INFORMATION**

**OPD and in-patient service**

<table>
<thead>
<tr>
<th></th>
<th>New Patients</th>
<th>Old Patients</th>
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<tr>
<td><strong>OPD service</strong></td>
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<tr>
<td>GE OPD</td>
<td>55509</td>
<td>23752</td>
<td>79261</td>
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<tr>
<td>Hepatology OPD</td>
<td>7129</td>
<td>11743</td>
<td>18872</td>
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<td>Pediatric GE OPD</td>
<td>1164</td>
<td>1014</td>
<td>2178</td>
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<tr>
<td>GI Surgery OPD</td>
<td>1544</td>
<td>2826</td>
<td>4370</td>
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<td><strong>Indoor admission</strong></td>
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<tr>
<td>GE Indoor admission</td>
<td>-</td>
<td>-</td>
<td>1503</td>
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<tr>
<td>Hepatology Indoor admission</td>
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<td>-</td>
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<tr>
<td>GI Surgery Indoor admission</td>
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**Endoscopy service**

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<tr>
<td>Upper GI Endoscopy Diagnostic</td>
<td>9463</td>
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<tr>
<td>Upper GI Endoscopy Therapeutic</td>
<td>1252</td>
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<td>Colonoscopy</td>
<td>1913</td>
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<td>Sigmoidoscopy</td>
<td>365</td>
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<td>ERCP</td>
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<td>SVE</td>
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<td>APC</td>
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<td>Esophageal Dilatation</td>
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<td>Fibro Scan</td>
<td>702</td>
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<td>Liver Biopsy</td>
<td>338</td>
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<tr>
<td>Endoscopic Ultrasound</td>
<td>256</td>
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<tr>
<td>Double Balloon Enteroscopy</td>
<td>34</td>
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180
<table>
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<tr>
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<tbody>
<tr>
<td>Capsule Endoscopy</td>
<td>32</td>
</tr>
<tr>
<td>Manometry (esophageal + rectal)</td>
<td>28</td>
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<table>
<thead>
<tr>
<th>Procedure</th>
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</tr>
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<tbody>
<tr>
<td>Radiology service</td>
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<tr>
<td>Diagnostic Ultrasound</td>
<td>7464</td>
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<td>PTBD</td>
<td>30</td>
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<tr>
<td>PCD</td>
<td>92</td>
</tr>
<tr>
<td>NJ tube insertion</td>
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<td>HVPG</td>
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<td>PAIR</td>
<td>3</td>
</tr>
<tr>
<td>Fistulogram</td>
<td>3</td>
</tr>
<tr>
<td>Ba swallow</td>
<td>4</td>
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<tr>
<td>Ba enteroclysis</td>
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<thead>
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<td>Biopsy</td>
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<td>FNAC</td>
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<td>Review biopsy</td>
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<th>Procedure</th>
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<tr>
<td>Liver ITU service</td>
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<tr>
<td>Admitted</td>
<td>184</td>
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<td>Death</td>
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<th>Operative procedures</th>
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<td>Gastro-surgery service</td>
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<tr>
<td>Stomach &amp; Esophagus</td>
<td>27</td>
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<tr>
<td>Small and large bowel</td>
<td>58</td>
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<tr>
<td>Gall Bladder</td>
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<td>Bile Ducts</td>
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<tr>
<td>Pancreas</td>
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<tr>
<td>Liver</td>
<td>39</td>
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<tr>
<td>Shunting for PHTN</td>
<td>19</td>
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<tr>
<td>Others</td>
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<tr>
<td>Liver Transplant</td>
<td>2</td>
</tr>
<tr>
<td>Total</td>
<td>368</td>
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In Memoriam

Faculty members, staff and students of the Department of Surgery tearfully announce the untimely demise of one of their brilliant postgraduate students, Dr. Amitava Mandal (2014-17 session), in an unfortunate road traffic accident on December 5, 2016, the fateful day on which he appeared for his Annual (Medal) Examination and topped the list to claim the medal.

FACULTY

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Position</th>
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<tbody>
<tr>
<td>Dr. Bitan Kumar Chattopadhyay</td>
<td>MS (Cal)</td>
<td>Professor and Head</td>
</tr>
<tr>
<td>Dr. Makhan Lal Saha</td>
<td>MS (PGI)</td>
<td>Professor</td>
</tr>
<tr>
<td>Dr. Prabhas Kumar Sarkar</td>
<td>MS (Cal)</td>
<td>Professor</td>
</tr>
<tr>
<td>Dr. Abhimanyu Basu</td>
<td>MS (Cal)</td>
<td>Professor</td>
</tr>
<tr>
<td>Dr. Amitabha Sarkar</td>
<td>MS (Cal)</td>
<td>Professor</td>
</tr>
<tr>
<td>Dr. Prosanta Kumar Bhattacharjee</td>
<td>MS (Cal)</td>
<td>Professor</td>
</tr>
<tr>
<td>Dr. Diptendra Kumar Sarkar</td>
<td>MS, DNB, FRCS (Edin)</td>
<td>Professor</td>
</tr>
<tr>
<td>Dr. Rajat Suvra Morel</td>
<td>DNB</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. Santanu Sinha</td>
<td>MS (Cal)</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dr. Susnata De</td>
<td>MS (Cal)</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Amit Ray</td>
<td>MS (Cal), MCh (Ped Surg)</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Dr. Partha Sarathi Ghosh</td>
<td>MS (Cal)</td>
<td>Assistant Professor</td>
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<tr>
<td>Dr. Sunanda Dey</td>
<td>MS (Cal)</td>
<td>Assistant Professor</td>
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<td>Dr. Soumen Das</td>
<td>MS (Cal)</td>
<td>Assistant Professor</td>
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<tr>
<td>Dr. Sourabh Das</td>
<td>MS (Cal)</td>
<td>Assistant Professor</td>
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<tr>
<td>Dr. Gourav Narjini</td>
<td>MS (Cal)</td>
<td>Assistant Professor</td>
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<tr>
<td>Dr. Saibal Chakroborty</td>
<td>MS</td>
<td>RMO cum Clinical Tutor</td>
</tr>
<tr>
<td>Dr. Asif Ayaz</td>
<td>MS (Cal)</td>
<td>RMO cum Clinical Tutor</td>
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<tr>
<td>Dr. Prakash Bhagat</td>
<td>MS (Cal)</td>
<td>RMO cum Clinical Tutor</td>
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<tr>
<td>Dr. Koustav Mandal</td>
<td>MS</td>
<td>RMO cum Clinical Tutor</td>
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<tr>
<td>Dr. Somnath Biswas</td>
<td>MS (Cal)</td>
<td>RMO cum Clinical Tutor</td>
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<tr>
<td>Dr. Mainak Pal</td>
<td>MS (WBUHS)</td>
<td>RMO cum Clinical Tutor</td>
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<td>Dr. Bappaditya Sarkar</td>
<td>MS (Cal)</td>
<td>RMO cum Clinical Tutor</td>
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<tr>
<td>Dr. A. Mukherjee</td>
<td>MBBS (Cal)</td>
<td>Medical Officer</td>
</tr>
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Transfers and postings

Dr Subhasis Saha, Associate Professor, has resigned from the service. Dr. Suver Ganguly, Assistant Professor, has been transferred to NBMC and Dr. Md. Tanveer Adil, Assistant Professor, went for a leave. Dr. Prakash Bhagat, RMO cum Clinical Tutor has been selected for the course of MCh(Surgical Oncology) at AIIMS, New Delhi, and will soon be released for his higher study. Dr. Pranab Kumar Mandal, RMO cum Clinical Tutor has been transferred to NBMC. Dr. Subhra Datta, Senior Resident has been selected for the course of MCh (Plastic Surgery) of WBUHS and has since joined the course.
**Postgraduate trainees (MS Students)**

<table>
<thead>
<tr>
<th>Session 2014-17</th>
<th>Session 2015-18</th>
<th>Session 2016-19</th>
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<tbody>
<tr>
<td>Durga Prasad Nanda</td>
<td>Gouri Mukhopadhyay</td>
<td>Kumar Sonal</td>
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<tr>
<td>Somdev Sil</td>
<td>Md. Anisur Rahaman</td>
<td>Rudradeep Banerjee</td>
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<tr>
<td>Bhaswati Ray</td>
<td>Pankaj Kumar</td>
<td>Fermin Iswary</td>
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<tr>
<td>Maheswar Murmu</td>
<td>Bikram Halder</td>
<td>Anirban Basu</td>
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<tr>
<td>Ankit Misra</td>
<td>Santanu Krishna Agarwal</td>
<td>Ronmita Pal</td>
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<td>Arnab Chakroborty</td>
<td>Abhishek Mandal</td>
<td>Sandipan Purokait</td>
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<td>Bapan Kumar Pradhan</td>
<td>Atanu Halder</td>
<td>Sukanta Chakroborty</td>
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<td>Milton Swarnakar</td>
<td>Saurabh Dixit</td>
<td>Indranil Chakroborty</td>
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<td>Prajol Kumar Biswas</td>
<td>Monoj Ghosh</td>
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<td>Sumit Kabra</td>
<td>Tanvi Goel</td>
<td>Biswaprakash Das</td>
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<td>Kumar Dheeraj</td>
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<td>Tamaghnna Pal</td>
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<td>Arindam Das</td>
<td>Radharaman Mandal</td>
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<td>Safikul Islam</td>
<td>Sahid Khondakar</td>
<td>Susangata Choudhury</td>
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<tr>
<td>Chiranjit Mukhrerjee</td>
<td>Bibekananda Bera</td>
<td>Susom Das</td>
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<td>Nemai Chandra Mandal</td>
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**REGULAR ACADEMIC ACTIVITIES**

Regular departmental academic schedule includes case discussions, clinical meetings, journal club meetings, topic seminars, periodic faculty and guest lectures, held 6 days a week. Department conducts regular Audit meetings on monthly basis. Teachers and students discuss and interact on several topics. Monthly examinations on theory papers on different topics are held on the last week day of every month. The average of these examinations is counted towards evaluation in the Annual Examination leading to awarding of the Medal to the postgraduates of the final year.

Several faculty members were invited to participate in Thyroid Society of India Annual Conference at Kolkata, November, 2015 where Prof. B. K. Chattopadhyay, Prof. M. L. Saha, Prof. D. K. Sarkar, Dr. Soumen Das either presented papers or conducted interdisciplinary panel discussions.

Department successfully carried out its responsibilities of executing the 8th Modular course for the postgraduates of the Association of Surgeons of India by organizing one-day programme on hands on demonstrations on 11th December, 2015 focusing on the Oral and Practical part of the Postgraduate University Examination.

A single day Live operative workshop and CME with the international guest faculty Dr Debashis Ghosh was arranged. Dr Ghosh performed live oncoplastic surgery followed by lectures.

Several of the faculty members attended the ASICON 2015, the annual conference of the Association of Surgeons of India held at Gurgaon, Haryana in December, 2015 and Prof. P. K. Bhattacharya presented a paper on "Approach to a patient with post lap chole biliary fistula". Prof. D K. Sarkar presented papers on "Mastectomy steps" and "Breast Conservation/ SLNB" and took PG Master Class on Breast.

Department organized the Surgery Oral and Practical part of the M.B.B.S. Examination successfully in January, 2015 of the regular batch and the subsequently the Supplementary in May, 2015 under the chairmanship of Prof. D. K. Sarkar.

Several faculty members along with number of postgraduate students participated in SASICON 2016, the annual conference of the State Chapter of Association of Surgeons of India held at Jalpaiguri in February, 2016. Prof. B. K. Chattopadhyay presented the prestigious Dr. P. C. Sanyal Memorial oration ("colorectal
anastomotic leaks") and Prof. M. L. Saha participated as a guest faculty in the live operative workshop (performed open Lateral Pancreateojunostomy operation).

Department again successfully carried out its responsibilities of executing the next Modular course for the postgraduates of the Association of Surgeons of India in July, 2016.

A CME and live workshop was held in August, 2016 in the Departmental Seminar Room in collaboration with the Department of Surgical Gastroenterology, SDL where Prof. Sailesh Srikhande of Tata Memorial Hospital, Mumbai performed D2 Gastrectomy at SDL OT and a continuous interactive session went on while the operations were being performed. A CME on recent advances on carcinoma stomach were also discussed by Prof. Srikhande and Dr. Ashwin D'Souza, also from TMH, Mumbai.

Department organized the annual IPGMER Surgical Oncology meet ONCOSURGE 2016 with live workshop of laparoscopic oncological operations carried out by several eminent national faculties followed by CME lectures, panel discussions and post-graduate master classes by the eminent national and local faculties, held in the month of July, 2016. It was attended by more than 150 delegates. The highlights of the program were the participation by the national faculty like Dr Puntambeker, Dr Rajkumar and Dr Chintamani.

Department organized the Skill Course programme of the Association of Minimal Access Surgeons of India (AMASI) from 4th to 6th August, 2016 under the able leadership of Prof. M. L. Saha and several faculty members including Prof. Chattopadhyay, Prof. Saha, Prof. Bhattacharya and Dr. Soumen Das participated as faculty and delivered course lectures and hands-on training.

Round table discussion on early diagnosis strategy: A joint effort with Bangladesh was another international event in the department attended by 10 Bangladesh and 20 West Bengal faculty and saw an in depth discussion on strategies for early diagnosis of Breast cancer.

Cancer awareness program: Jointly with Disha and members of Bangladesh Breast Association an evening of awareness was organized with the theme of promoting survivorship campaign in breast cancer.

Department also organized very successfully the live workshop of the 11th. International Congress of Association of Minimal Access Surgeons of India (AMASICON 2016) from 18th. to 20th. November, 2016 again under the able leadership of Prof. M. L. Saha and assisted by other faculty members, where from the very basic to very high-end laparoscopic surgeries were performed by several national faculty including the living legend Prof. C. Palanivelu from Coimbatore.

As a path breaking initiative, the Department organized a competitive programme on poster presentation regarding awareness amongst our womenfolk regarding early detection of breast carcinoma amongst the undergraduates and pupil nurses of the institution on the very auspicious occasion of cancer awareness program which was presided over by the honorable minister-in-charge. Winners and runners up were handsomely awarded.

The department collaborates with the Endocrinology Department to run a 'Diabetic Foot’ clinic and runs a dedicated Endocrine and Metabolic Clinic (at our OPD on Saturdays) and Breast Clinic (at Shambhunath Pandit Hospital on Saturdays). Department plans to start a dedicated Oncosurgery Unit for the cancer victims very soon.

FACULTY NEWS

Prof. B. K. Chattopadhyay
• Nominated as the Secretary of the Board of Studies in Surgery of the West Bengal University of Health Sciences, and is responsible for the formulation of policies regarding syllabus, dissertation, examination, and evaluation in both undergraduate and postgraduate courses of the University.

• Supervisor and adjudicator of different Ph. D Thesis work of the students of Calcutta University.

• Was invited to participate in Thyroid Society of India Annual Conference at Kolkata, 2015 where the lecture on “History of Thyroid Surgery” was delivered and was much acclaimed by the faculties and the postgraduate students alike.

• Attended the SASICON 2016, the annual conference of the West Bengal Chapter of the Association of surgeons of India held at Jalpaiguri in February 2016 and delivered the prestigious Dr. P. C. Sanyal Memorial Oration on “Colorectal anastomotic leaks.”

• Participated as a Faculty in FIAGES, Kolkata (Fellowship of Indian Association of Gastro Intestinal Endosurgeons) held in June, 2016 at Medical College, Kolkata and participated as a faculty in a panel discussion on “Post Lap Cholecystectomy Bile Duct Injury” along with other national faculties.

• Participated in the 44th. Association of Minimal Access Surgeons of India Skill Course programme held at I.P.G.M.E.&R., Kolkata in August, 2016 along with other faculty members of the Dept. of Surgery and delivered Faculty lecture on “Techniques and complications of access”.

• Attended the annual state CME of the Association of Surgeons of India – SASICME, 2016 organized by College of Medicine and Sagar Dutta Hospital in the month of September and participated as a faculty for Undergraduate clinical surgery class with a video presentation of “Examination of a thyroid swelling” and chaired several sessions. Conducted the master class teaching programme for the postgraduates along with other faculty members.

• Was associated with the organization of the Live Workshop held at I.P.G.M.E. &R and S.S.K.M. Hospital from 18.11.2016 to 20.11.2016 on the occasion of the 11th. International Congress of the Association of Minimal Access Surgeons of India (AMASICON2016) as Head of the Department and participated in the conference as a faculty member and acted as a panelist in a special session of “case capsules” along with several other national faculties.

• Guided thesis work for postgraduate students, acted as chairman for the Oral-Practical part of M.S. Examination 2016 at the IPGMER Center, acted as adjudicator for large number of articles for the Indian Journal of Surgery, JIMA and several other journals.

Prof. Makhan Lal Saha

• Elected uncontested as Governing council member of The Association of Surgeons of India for the period from 2016-18.

• Working as principal investigator of multicentre trauma study project TRITCO.

• Attended SCOPE course as a faculty in the month of February 2016 organized by Delhi chapter of ASI.

• Attended annual conference of Association of surgeons of India( WB chapter) held at Jalpaiguri in February 2016. Performed a Pancreaticejejunostomy operation in live operative workshop held during SASICON2016.

• Attended AMASI skill course held at Dhaka as a faculty from 27.3.2016 to 30.3.2016

• Participated at world health day programme organized by Liver foundation on 7th. April 2016 held at CMOH office Berhampur and delivered a lecture on “Primary management of trauma victim”.

• Attended as a faculty in 43rd AMASI skill course held at Agra in the month of July.

• Attended as a faculty in SCOPE organized by ASI Delhi chapter in the month of August 2016.

• Organized 44th. AMASI skill course along with other faculty members of Dept. of Surgery I.P.G.M.E.&R., Kolkata. 200 surgeons and gynecologist participated in the skill course and 160 took FMAS examination held at the end of the course.

• Attended SASICME organized by College of Medicine and Sagar Dutta Hospital in the month of September. Participated as a faculty for Undergraduate clinical surgery class. Delivered “Dr.Subodh Chandra Dutta Memorial Oration” on Evolution of thyroid surgery with emphasis on lateral horizontal thyroidectomy.

• Attended Eastern Zonal Critical Care Conference (EZCCCON 2016) held at Siliguri in October 2016 as a faculty and delivered a lecture on “Abdominal compartment syndrome”
• Worked as Chairman of the workshop committee in the annual conference of Association of Minimal Access Surgeons of India (AMASICON2016). The live workshop was held at I.P.G.M.E.&R.S.S.K.M.Hospital from 18.11.2016 to 20.11.2016.
• Attended annual conference of The Association of Surgeons of India (ASICON2016) held at Mysuru from 14th. to 20th. December  Participated as a faculty for Postgraduate master class and panelist for Benign surgical jaundice.
• Thesis guide for MS surgery residents.
• Three publications in International Journal

Prof. Probhas Kumar Sarkar
• Appointed and conducted M.S. (General Surgery) Examination, 2016 at I.P.G.M.E.R. Center
• Acted as thesis guide of two M.S. (General Surgery) students for the year 2014-2017
• One paper published in November, 2016 and another selected for publication in October, 2016 both in index journals.

Prof. Prosanta Kumar Bhattacharya
• Faculty in postgraduate modular course, Dec 2015.
• Faculty presentation: “approach to a patient with post lap chole biliary fistula”: ASICOn December 2015 at Gurgaon.
• Chairperson: Oncosurge 2016: IPGME&R, Kolkata.
• Examiner: modular course for PG students 27th July 2016: “varicose veins”.
• Faculty lectures at AMASI skill course for FMAS on “complications of laparoscopic cholecystectomy” at IPGME&R, Kolkata (05-08-2016).
• Faculty for pre-conference (sasicme2016) workshop on clinical surgery at CMSDH, Kamarhati (09-09-2016): “anorectal examination”.
• Presented a paper on “approach to a patient with carcinoma GB” at SASICME 2016 (10-09-2016).
• Examiner of theory papers MS gen surg exams West Bengal Health University 2015.
• Invited examiner for PG gold medal exam in surgery CMC, Kolkata, 2015.
• Paper setter for MS general surgery examination, 2016 of RML PGIMER, Delhi.
• Examiner MBBS examination february 2016 of JN inst medical college, Wardha (Dutta Mege university), Naggur (MBBS)
• Examiner MS general surgery examination April 2016 of RML PGIMER, Delhi.
• Examiner MS general surgery examination may 2016 of Silchar medical college.
• Examiner MBBS (supply) examination, may 2016 of Malda medical college.
• Reviewed articles for Indian journal of surgery
• Following review articles are under consideration for publication in indian journal of surgery and asian journal of oncology respectively
  A) approach to a patient with post lap chole biliary fistula
  B) approach to a patient with carcinoma GB.
• Adjudicator, Guide and Co-guide for thesis for WEST BENGAL HEALTH UNIVERSITY.

Prof. Diptendra Kumar Sarkar
Publications:


6. Rahulkumar N. Chavan, Bhargav Chikkala, Cinjini Biswas, Somak Biswas, and Diptendra Kumar Sarkar (2015). Primary Squamous Cell Carcinoma of Thyroid: A Rare Entity Case Reports in Pathology, Article ID 838079, 3 pages


Invited lectures:

<table>
<thead>
<tr>
<th>SN</th>
<th>LECTURE TOPIC</th>
<th>TIME</th>
<th>CONFERENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>D.T.C recent advances</td>
<td>Nov 2015</td>
<td>Tripura State ASI Conference</td>
</tr>
<tr>
<td>2.</td>
<td>PG/UG Master class Breast</td>
<td>Nov 2015</td>
<td>Tripura State ASI Conference</td>
</tr>
<tr>
<td>3.</td>
<td>Mastectomy steps</td>
<td>Dec 2015</td>
<td>Gurgaon ASICON</td>
</tr>
<tr>
<td>5.</td>
<td>PG Master class Breast</td>
<td>Dec 2015</td>
<td>Gurgaon ASICON</td>
</tr>
<tr>
<td>6.</td>
<td>Recent advances in Breast Cancer</td>
<td>Feb 2016</td>
<td>BSMUU, Dhaka</td>
</tr>
<tr>
<td>7.</td>
<td>PG Master class</td>
<td>Feb 2016</td>
<td>BSMUU, Dhaka</td>
</tr>
<tr>
<td>8.</td>
<td>Genetics in Breast Cancer</td>
<td>April 2016</td>
<td>AIIMS update</td>
</tr>
<tr>
<td>9.</td>
<td>Mastectomy in Metastasis Cancer</td>
<td>May 2016</td>
<td>Calcutta Breast Group</td>
</tr>
<tr>
<td>10.</td>
<td>Treatment of Metastasis Breast Cancer</td>
<td>July 2016</td>
<td>ONCOSURGE</td>
</tr>
<tr>
<td>11.</td>
<td>Recent advances Genomics Breast Cancer</td>
<td>July 2016</td>
<td>ABSICON, Bangalore</td>
</tr>
<tr>
<td>12.</td>
<td>Master class in Breast</td>
<td>July 2016</td>
<td>ABSICON, Bangalore</td>
</tr>
<tr>
<td>13.</td>
<td>PG Master class Breast</td>
<td>July 2016</td>
<td>ASI, WB</td>
</tr>
<tr>
<td>14.</td>
<td>Recent update Breast Cancer</td>
<td>Aug 2016</td>
<td>AMRICON</td>
</tr>
<tr>
<td>15.</td>
<td>PG Master class</td>
<td>Sept 2016</td>
<td>ASI, Jaipur</td>
</tr>
<tr>
<td>16.</td>
<td>Recent trends in prognostication Breast</td>
<td>Sept 2016</td>
<td>Bose Institute, Kolkata</td>
</tr>
<tr>
<td>17.</td>
<td>SLNB: How I do it</td>
<td>Sept 2016</td>
<td>AIIMS</td>
</tr>
<tr>
<td>19.</td>
<td>Familial Breast Cancer &amp; rich reducing mastectomy</td>
<td>July 2016</td>
<td>Tata medical Centre</td>
</tr>
<tr>
<td>22.</td>
<td>RCS course</td>
<td>Nov 2016</td>
<td>Kolkata</td>
</tr>
</tbody>
</table>

Examiner:
1. Royal College of Surgeon, Edinburgh – MRCS Exam
2. Convener examiner IPGME&R
3. External examiner Kishanganj Medical College

Dr. Soumen Das

Publications:


Presentations:
- Invited Faculty to moderate Panel discussion on Multinodular Goitre at Thyroid Society of India Annual Conference at Kolkata 2015.
- Invited Faculty to Deliver lecture on 'Mastering the art of Evidence Based Medicine' at AMASICON 2016.
- Invited Faculty to conduct Skill Development Course on 'How to publish Manuscript?' at AMASICON 2016.
- Invited Faculty to participate at a investigators meet on Role of Bevacizumab in metastatic Colorectal cancer at Hyderabad.

ACADEMIC ACTIVITY

MS theses ongoing
- **Durga Prasad Nanda:** Prospective observational study on association of gallstone disease with CA GB
- **Somdev Sil:** Complications of total thyroidectomy with special mention to different approaches.
- **Bhaswati Ray:** A study on acute presentation of abdominal TB.
- **Maheswar Murmu:** Prophylactic therapy of octreotide in pancreatic surgery.
- **Ankit Mishra:** Efficacy of evening primrose oil and danazol in mastalgia a observational study in respect to breast pain chart.
- **Arnab Chakraborty:** Clinicopathological study of parotid tumors and outcome of different types of parotidectomy.
- **Bapan Kumar Pradhan:** Prospective analysis of oncological and aesthetic outcome following oncoplastic breast surgery techniques.
- **Milton Swarnakar:** A comparative study of safety between early (within 24 hrs) versus delayed feeding following enteric anastomosis.
- **Partha Sarathi Mandal:** Study of infectious pathogenesis of gallstones.
- **Sumit Kabra:** Effect of adherence to World Health Organization surgical safety checklist on morbidity and mortality in a defined surgical patient population.
- **Kumar Dheeraj:** Study of pancreatic duct decompression in patients of chronic pancreatitis.
• **Dipankar Saha**: A prospective observational study on abdominosacral method of resection of patient with rectal carcinoma and its efficacy in terms of exposure/operating time/bleeding in Indian patient.

• **Safikul Islam**: A clinicopathological study on enterocutaneous fistula with special reference to need for various types of nutritional support.

• **Chiranjit Mukherjee**: Breast conservation in locally advance breast care.

**Research (other than thesis project) ongoing**

- Clinicopathological and Mutation analysis of Pancreatic and gall bladder cancer in association with Indian Statistical Institute, Kolkata (Co-investigator: Dr. Nilabjo Shikdar, Asst. Professor, Human Genomics, ISI, Kolkata)
- Role of bevacizumab in metastatic colorectal cancer (sponsor Hetero)
- Pattern of DVT and thromboprophylaxis in patients undergoing surgery for abdominal malignancy in a tertiary care hospital in eastern India.
- Observational study to identify the surgical anatomy of axilla in patients undergoing ALND with oncoplastic surgery for breast cancer.

<table>
<thead>
<tr>
<th>SN</th>
<th>Title</th>
<th>Sponsor</th>
<th>Funding</th>
<th>Duration</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CA 15-3 as a measure of predicting occult tumor burden in patients with breast cancer.</td>
<td>DST, West Bengal</td>
<td>Rupees 27 Lakh 35 thousand and 6 hundred</td>
<td>2013-2016</td>
<td>Completed</td>
</tr>
<tr>
<td>2</td>
<td>Estrogen and progesterone receptor pattern in patients of breast cancer in West Bengal and its implication in treatment.</td>
<td>DST, West Bengal</td>
<td>Rupees Nine lakh fifty thousand four hundred</td>
<td>2011-2013</td>
<td>Completed</td>
</tr>
<tr>
<td>3</td>
<td>Role of COX-2 in metastatic breast cancer.</td>
<td>DST, West Bengal</td>
<td>_</td>
<td>2016 December</td>
<td>Applied</td>
</tr>
</tbody>
</table>

**Common departmental activities**

- Oncosurge
- Single theme CME: Whipple’s operation and pancreatic cancer
- Single theme CME: D2 Gastrectomy operation and Stomach cancer
- ASI monthly clinical meeting
- IPGME&R: Bangladesh Breast Meet
- Modular Course

Department proudly acknowledges the achievement of Dr. Safikul Islam; a 3rd. Year Post Graduate Student who got the second prize in the poster presentation competition amongst the postgraduates from all over India in the Annual National Conference of the Association of Surgeons of India - ASICON 2015 held in December, 2015 at Gurgaon, Haryana.

**SERVICE INFORMATION**

**OPD location**

New Surgery OPD Complex started functioning in the previous New Emergency Block, with isolated but composite arrangement for General Surgery, Plastic Surgery and Pediatric Surgery under the same roof.

**OPD attendance**

- Yearly total 29,361
- New 9,222
- Old 20,139

**Bed location (ward, building)**
Curzon ward (male) – 109 beds  Victoria ward (female) – 76 beds  (both located in Main block)
EOW (Male) – 22 beds  EOW (Female) – 22 beds  (in the Emergency block)

Emergency Observation Ward admits surgical patients requiring observation pending transfer or discharge.

**Indoor admission**
- Victoria Ward – 2162
- Curzon Ward – 2318
- EOW – 198
- Woodburn Ward – 149

**Units composition: 6 units:**

<table>
<thead>
<tr>
<th>OPD Day</th>
<th>Unit</th>
<th>OT Days</th>
<th>Visiting Surgeon</th>
<th>RMO cum Tutor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday</td>
<td>I</td>
<td>Wednesday – Friday</td>
<td>Prof. Diptendradra Kumar Sarkar (Unit-in-charge), Dr. Gourav Narjini</td>
<td>Dr. Asif Ayaz</td>
</tr>
<tr>
<td>Tuesday</td>
<td>II</td>
<td>Thursday – Saturday</td>
<td>Prof. B. K. Chattopadhyay (Unit-in-charge &amp; HOD), Dr. Susnata De, Dr. Sunanda Dey</td>
<td>Dr. Saibal Chakroborty</td>
</tr>
<tr>
<td>Wednesday</td>
<td>III</td>
<td>Monday – Wednesday</td>
<td>Prof. Makhan Lal Saha (Unit-in-charge), Dr. Soumen. Das, Dr. Tanveer Adil</td>
<td>Dr. Prakash Bhagat, Dr. Koustav Mandal</td>
</tr>
<tr>
<td>Thursday</td>
<td>IV</td>
<td>Tuesday – Saturday</td>
<td>Prof. Amitabha. Sarkar (Unit-in-charge), Prof. P. K. Bhattacharya, Dr. Amit Kumar Ray</td>
<td>Dr. Somnath Biswas</td>
</tr>
<tr>
<td>Friday</td>
<td>V</td>
<td>Monday – Wednesday</td>
<td>Prof. Abhimanyu Basu (Unit-in-charge), Dr. Santanu Sinha, Dr. Partha Sarathi Ghosh.</td>
<td>Dr. Mainak Pal</td>
</tr>
<tr>
<td>Saturday</td>
<td>VI</td>
<td>Tuesday – Thursday</td>
<td>Prof. Prabhas Kumar Sarkar (Unit-in-charge), Dr. Rajat Subhra Morel, Dr. Saurabh Das</td>
<td>Dr. Bappaditya Sarkar</td>
</tr>
</tbody>
</table>

**Procedures/Investigations performed**
Major Surgeries (Main OT Complex) performed: **3008 (Major) 348 (Minor)**
Emergency surgeries (NER OT) performed  Major: **507**  Minor: **415**
Day Care procedures performed: **1016**

**Other patient interface related information**
Follow up clinics are also run for each unit on different days. The department collaborates with the Endocrinology Department to run a 'Diabetic Foot' clinic and runs a dedicated Endocrine and Metabolic (at our OPD on Saturdays) and Breast Clinic (at Shambhu Nath Pandit Hospital on Saturdays). Department plans to start a dedicated Oncosurgery Unit for cancer patients very soon.
Urology

FACULTY

<table>
<thead>
<tr>
<th>Name</th>
<th>Designation</th>
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</thead>
<tbody>
<tr>
<td>Dr. Dilip Kumar Pal</td>
<td>MCh (Urology)</td>
</tr>
<tr>
<td>Dr. Bastab Ghosh</td>
<td>MCh (Urology)</td>
</tr>
<tr>
<td>Dr. Sunirmal Choudhary</td>
<td>MCh (Urology)</td>
</tr>
<tr>
<td>Dr. Sandeep Gupta</td>
<td>MCh (Urology)</td>
</tr>
<tr>
<td>Dr. Soumya Mondal</td>
<td>MCh (Urology)</td>
</tr>
<tr>
<td>Dr. Kumar Rajeev Ranjan</td>
<td>MS (General Surgery)</td>
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</table>

Postdoctoral (MCh) trainees

<table>
<thead>
<tr>
<th>Year</th>
<th>Trainee</th>
<th>Trainee</th>
<th>Trainee</th>
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<tbody>
<tr>
<td>2014-17</td>
<td>Dr. Sayak Roy</td>
<td>Dr. Sajad Ahmed</td>
<td>Dr. Naveen Kumar</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Para</td>
<td>Gupta</td>
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<tr>
<td>2015-18</td>
<td>Dr. Vipin Chandra</td>
<td>Dr. Prithesh Jain</td>
<td>Dr. Kunal Kpoor</td>
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<tr>
<td>2016-19</td>
<td>Dr. Kartik Sridhar</td>
<td>Dr. Arun Kumar</td>
<td>Dr. Sandip Pramanik</td>
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<td></td>
<td></td>
<td>Maurya</td>
<td></td>
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<tr>
<td></td>
<td>Dr. Dipak Bera</td>
<td>Dr. Susanta Kumar</td>
<td>Dr. Debasish</td>
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<tr>
<td></td>
<td></td>
<td>Das</td>
<td>Samaddar</td>
</tr>
<tr>
<td></td>
<td>Dr. Surajit Sasmal</td>
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</tr>
</tbody>
</table>

Workshops conducted by the department

- RIRS Workshop organized on dated 05/05/16 (Invited faculty: Dr. Harbans Singh, New Delhi.).

Departmental achievements, workshops and conferences attended

- Prof. Dilip Kumar Pal selected for Urology Trust of Odisha Oration.
- Dr Bastab Ghosh selected for Siliguri Travel Fellowship.
- Dr Sandeep Gupta conducted Uro-Quiz as quiz master in East zone USICON 2016 in Imphal.
- Dr Sandeep Gupta selected as scholar in the Robotic Surgeon Council Program conducted by ‘Vatikutti foundation’ in Kokila Ben Hospital, Mumbai.
- Dr Deepak Bera received best Podium award in East zone USICON 2015 in Boudh Gaya.
- Dr Sayak Roy got 1st prize in Uro-quiz in “Master Class in PCNL” conducted by BUS.
- Dr Sayak Roy got 1st prize in paper presentation (competitive session) IPGMER, Annual Day function 2016.
- Dr Vipin Chandra got 1st prize in paper presentation (competitive session) IPGMER, Annual Day function 2016.
- Dr Pritesh Jain was awarded the Best essay prize in East zone USICON 2016 in Imphal.
- Dr Arun Kr Maurya selected for first prize in Uro Quiz, East zone USICON 2016 in Imphal.
- Dr Deepak Bera attended 3rd Golden Bridge International Urology Conference, Kunming, China.
- Dr. Deepak Bera & Dr. Vipin Chandra attended Uromet Program at Gurgaon.
- Dr Sayak Roy & Dr Surojit Sasmal attended workshop in Laparoscopic Urologic procedure (Johnson’s & Johnson’s) at MPUH, Nadia.
- USICON 2016 (Hyderabad) - Attended by all faculty members & all 3rd Yr PDTs. Prof. Dilip Kumar Pal was the chairperson for the podium presentation.
- East zone USICON (Imphal)-Attended by Prof. Dilip Kumar Pal, Dr Sandeep Gupta & all 2nd Yr PDTs. Prof. Dilip Kumar Pal was the chairperson for guest lecture.

PROJECTS AND RESEARCH ACTIVITIES

Major research projects being conducted under the supervision of Prof. D. K. Pal

<table>
<thead>
<tr>
<th>Title of Project</th>
<th>Funding Agency</th>
<th>Duration From To</th>
<th>Status Ongoing/ Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Functional interplay of different mutations/polymorphs of CLDN 14, MGP and SPP1</td>
<td>Applied for fund to ICMR</td>
<td>Mar 13- Jul 16</td>
<td>Ongoing</td>
</tr>
<tr>
<td>in the development of kidney stone disease.</td>
<td></td>
<td></td>
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<tr>
<td>Identification of susceptible genes in arsenic induced bladder cancer in West Bengal, India</td>
<td>Dept. of Biotechnology, Govt. of West Bengal</td>
<td>May 13- Oct 16</td>
<td>Project No- BT(Estt)RD-13/2013</td>
</tr>
<tr>
<td>Identification of candidate gene associated with</td>
<td>Dept. of Health</td>
<td></td>
<td>Submission ID-2016-</td>
</tr>
</tbody>
</table>
high risk HPV infected prostate cancer of Indian patients

Research, Govt. of India 0734 Accepted via mail dated 23.08.16

Altered Genetic Spectrum and Functionality of Calcium Homostasis and Calcification Regulating Genes Mediated Kidney stone Formation

Dept of Biotechnology, Govt. of India  Applied for approval

Clinical trials
- Title: A phase III, randomized 3 – arm parallel group, double blind, non-inferiority, Active controlled Multicenter study to evaluate and compare the efficacy and safety of Mirabegron 25 mg ER tablet and 50 mg ER tablet in patients with overactive bladder.(CTRI No: CTRI/2016/04/006790) (Completed)
- Title: Evaluation of BIP Foley catheter in the prevention of catheter – associated urinary tract infection in Indian population. (CTRI No: CTRI/2015/09/006220) (ongoing)

Thesis Topics

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Sayak Roy: Effect of donor age on renal graft function after renal transplantation</td>
<td>Dr. Sajad Ahmed Para: A study of genetic tumor markers for carcinoma urinary bladder</td>
<td>Dr Kunal Kapoor: Liquid based cytology and immunohistochemical detection of MCM2 protein as potential marker in bladder cancer. Single center prospective observational Study</td>
</tr>
<tr>
<td>Dr. Vipin Chandra: An attempt to evaluate role of human papilloma virus infection in the development of prostate cancer in eastern Indian population: A prospective study</td>
<td>Dr. Pritesh Jain- To determine the relationship between HPV and chronic prostatitis- A prospective study</td>
<td>Bebasis Samaddar: Evaluation of change of renal function in affected Kidney in Post PCNL patient with Unilateral renal lithiasis using 24 Hrs urinary creatinine clearance and DTPA Scan.</td>
</tr>
<tr>
<td>Dr. Kartik Sridhar: Urolithiasis related renal failure :Outcome following surgery and factors affecting the outcome</td>
<td>Dr. Arun Kumar Maurya: Immunohistochemical analysis of VHL and LIMD 1 at different stages of renal cell carcinoma : Clinopathological correlation</td>
<td>Dr. Sandip Pramanik: Study on Role of CD44 and EGFR In Development of Renal Cell Carcinoma.</td>
</tr>
<tr>
<td>Dr. Dipak Bera : Role of arsenic in the development of urinary bladder carcinoma in eastern Indian population: A prospective study</td>
<td>Dr. Susanta Kumar Das: Optical internal urethrotomy under spinal anaesthesia versus Local anaesthesia :Outcome comparison</td>
<td>Dr. Naveen Kumar Gupta: Comparisons of monthly maintenance protocol of intravesical BCG Vs standard SWOG maintenance protocol (LAMM) in Non-Muscle invasive Bladder Carcinoma (NMIBC)</td>
</tr>
<tr>
<td>Dr. Surajit Sasmal: Clinical profile and outcome of patients presenting with obstructive uropathy in a tertiary care centre</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Publications (From Nov 2015 to Nov 2016)


30. Soumya Mondal, Anindya Bandyopadhyay, Murari Mohan Mondal, Dilip Kumar Pal; Erectile dysfunction in anterior urethral stricture after urethralplasty with reference to vascular parameters, Medical Journal of Armed Force India 2016;72 344 – 349


Papers accepted


34. Dilip Kumar Pal, Sajad Ahmed Para. Candle Stick in Urinary Bladder-A rare entity. Clinical Urology(remedy open Access) send on 31.05.16. Accepted on 27th June 2016

35. Debasmita, Dilip Kumar Pal. Urological disorders in pregnancy: an overall experiences. Urology annals, (Ref N0-UA_54_16 Accepted on 19.07.16.


39. Kunal Kapoor, Munmun Das(Sarkar), Dilip Kumar Pal. Partial androgen insensitivity syndrome-A rare disease. Scholars Journal of Medical Case Reports. SJMCR-316-2016. Accepted on 01.11.16


PAPERS PRESENTED IN CONFERENCES - 2016


4. Comparative study between intracorpus spongiosum block versus Intrarethral lignocaine in optical internal urethrotomy for short segment anterior urethral strictures. Biswal Deepak Kumar, Ghosh Bastab, Chowdhury Sunirmal, Bera Malay Kumar. 49th Annual Conference of USI, January 7-10, Hyderabad.


8. Renal cell carcinoma: is it so uncommon in younger age. Arun Kumar Mourya, Dilip Kumar pal. 26th annual conference of the Urological society of India(East Zone), 21-24October, Imphal.


10. laparoscopic management of mid and lower ureteric strictures-experience at our centre. Pritesh Jain, Bastab Ghosh, Dilip Kumar Pal. 26th annual conference of the Urological society of India(East Zone), 21-24October, Imphal.


REGULAR ACADEMIC ACTIVITIES – Morning (9 am to 10 am)
- Tuesday – Journal club
- Thursday – Case presentation
- Saturday – Seminar

SERVICE INFORMATION

OPD ATTENDENCE (01/12/15-30/11/2016)

<table>
<thead>
<tr>
<th>Total</th>
<th>New</th>
<th>Old</th>
</tr>
</thead>
<tbody>
<tr>
<td>40,123</td>
<td>17,610</td>
<td>22,510</td>
</tr>
</tbody>
</table>

Bed Distribution

<table>
<thead>
<tr>
<th>Male</th>
<th>Female</th>
<th>Child</th>
<th>Woodburn Block</th>
<th>Recovery room for renal transplant patients</th>
</tr>
</thead>
<tbody>
<tr>
<td>24</td>
<td>12</td>
<td>4</td>
<td>20</td>
<td>2</td>
</tr>
</tbody>
</table>

Admissions in urology ward

<table>
<thead>
<tr>
<th>Male</th>
<th>Female</th>
<th>Woodburn Block</th>
</tr>
</thead>
<tbody>
<tr>
<td>806</td>
<td>441</td>
<td>9</td>
</tr>
</tbody>
</table>

Renal transplantation
Tuesday is the day for our renal transplantation and we perform one transplant weekly with the help of the nephrology and CTVS department
Total number of transplants done from (1/12/15-30/11/2016) 33

USG guided procedures
- TRUS guided prostate biopsy: 151
- USG guided PCN: 89

ESWL 658
Uroflowmetry 2999
Urodynamic studies 249
Major operations 1221
Minor operations 2252
Central Library

Location and floor area  Ronald Ross Building, 3rd Floor and 6th Floor - 2400 m² total

Sections
- Postgraduate & Postdoctoral Reading Room
- Undergraduate Reading Room 1 and 2
- Teachers Reading Room
- Librarian Room
- Staff Room
- Computer Room
- E-Library
- Photocopy Room

Working hours  8:00 AM to 9:00 PM in 2 shifts

No. of Books
- (i) Text 15,850
- (ii) Reference 5,413

No. of books purchased during the last 3 years
- 2015-16 366
- 2014-15 151
- 2013-14 289

No. of journals subscribed annually
- (i) Indian 79
- (ii) Foreign 38

Free full text access to about 244 E-journals from 5 reputed publishers, through the ERMED consortium initiative of the National Library of Medicine (NLM), New Delhi, is available.

Back issue volumes
- Journals: (i) Indian 3000
- (ii) Foreign 26000
- Thesis 2146

Staff
- Librarian  Mr. Partha Roy Chowdhury (Library In-charge) B.Sc. (Hons), B.Lib. (Sc.)
- Mr. Dhanapati Mondal M.A., B.L.I.S.
- Mr. Nirmal Saha B.Sc., B.Lib. (Sc.)
- Library Assistants  Mrs. Ranu Valmiki
- Mr. Santanu Das
- Peons  Mrs. Rupashree Mukherjee
- Sweeper  Mr. Liaquat Ali (Sweeper)

System of Cataloging  Unit form of cataloging [AACR]

The Library caters to the needs of Faculty, Students and Research Scholars of this Institute and also to scholars of other Institutions. Internet facility available free of cost for the Library users within the reading room. Scanning facility is also available.

Central air-conditioning of the library (section on 4th floor of Ronald Ross Building) was completed this year. An unfortunate fire incident in the 6th floor of the Ronald Ross building has caused damage to old periodicals. The damaged section is being renovated.
Blood Bank

One of the vital departments of any hospital cum medical college, SSKM Hospital Blood Bank started functioning in a 24 hour basis from 1996. Previously it remained open for eight hours from 10 AM to 6 PM. From then onwards it is contributing and catering to the patient load of SSKM Hospital as well as sometimes to outside hospitals. Component separation license was granted in the year 2010 and from then onwards four components are being supplied to patients. There has been an increase in the number of blood donation camps over the past few years and now people are coming forward to voluntarily donate blood. The Donor Section has been revamped and presently there are four donor couches along with bio-mixer for smooth in-house donation.

Achievements over the last 11 months (Jan-Nov, 2016) are as follows:

**Voluntary blood donation**

1) We have organized number of voluntary blood donation camps during the period
   Total collection: 19838 (85% donors male)

2) We also did in-house collection which usually is called replacement donation.
   Total collection: 4933 (95% donors male)

   So total collection is **24771** units

**Testing for TTIs**

Each and every blood unit is tested mandatorily for five TTIs (Transfusion Transmitted Infection)

<table>
<thead>
<tr>
<th>TTI</th>
<th>Reactive Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIV</td>
<td>22</td>
</tr>
<tr>
<td>HBsAg</td>
<td>240</td>
</tr>
<tr>
<td>HCV</td>
<td>175</td>
</tr>
<tr>
<td>Syphilis</td>
<td>10</td>
</tr>
<tr>
<td>Malaria</td>
<td>Nil</td>
</tr>
</tbody>
</table>

Summary Report on TTI reactivity based on confirmation date

All the reactive cases are communicated and counseled to attend further for confirmation. Unfortunately very few are interested to come for further screening. For HIV reactive cases who do not turn up, a tracking list is prepared for grass route level tracking and management.

All the TTI non-reactive blood units are grouped and kept ready for allotment to patients. TTI reactive blood units are grouped and discarded.

In the said period we have handled and allotted blood against 28318 requisitions among which **22467** requisitions were supplied with blood or components.

**Component preparation**

We have the License to prepare four components from the whole blood. Components are:

1) Packed Red Blood Corpuscle (PRBC)
2) Fresh Frozen Plasma (FFP)
3) Random Donor Platelet (RDP)
4) Cryoprecipitate of plasma

We usually prepare first three as the demand for Cryoprecipitate is very rare and also the quadruple blood bag is not readily available.

In the period we collected/prepared:
- PRBC - 8107 units, FFP - 8107 units and RDP - 6249 units

We have supplied:
- Whole Blood - 15491 units, PRBC - 7914 units, FFP - 5519 units and RDP - 4514 units

We procured four Donor couches and four Bio-mixers through IPGME&R store for our Donor Section in 2014. This year we also have got two portable tube sealer and one ELISA Reader and Washer along with Computer and Printer from NACO.

Integrated Counseling and Testing Centre (ICTC)

It is the Centre where blood is tested for HIV, anyone can volunteer to test his or her blood. Doctors from various departments send the blood of their patients for testing of HIV. Blood donors, whose blood has been screened as TTI reactive, are also asked to attend ICTC for counseling and testing. In every case report is kept confidential. Those, who are found reactive, are sent or even accompanied to ART (antiretroviral treatment) Centre. ICTC personnel also refer the clients or patients having chronic cough, to RNTCP clinic, for testing sputum for tuberculosis.

Other activities

Like every year we celebrated World Blood Donor Day during the period 14th June to 13th July. Actually the “World Blood Donor Day” is on 14th June, but we celebrate it for one month. We also celebrated “National Voluntary Blood Donation Day” during the whole month of October.
# Nursing Section

## Nursing Superintendent Office

<table>
<thead>
<tr>
<th>SN</th>
<th>Name of officer</th>
<th>Post/ Designation</th>
<th>Qualification</th>
<th>Involved in</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Smt. Bandana Banerjee</td>
<td>Nursing Superintendent &amp; Member of W.B. Nursing council</td>
<td>B.Sc. (Hons) Nursing M.Sc. (Nursing) (Medical—surgical nursing)</td>
<td>Administration, Hospital &amp; Teaching</td>
</tr>
<tr>
<td>2.</td>
<td>Smt. Jaya Mandal</td>
<td>Deputy Nursing Superintendent (DNS)</td>
<td>B.Sc. (Hons) Nursing M.Sc. (Nsg) – Community Health Nursing</td>
<td>Nsg. Administration. &amp; supervision of ER.EDW.NCB.PMR.</td>
</tr>
<tr>
<td>5.</td>
<td>Smt. Kajal Samanta</td>
<td>DNS</td>
<td>Post Basic B.Sc. Nursing</td>
<td>Helping in administration Heart Unit Block Charge and prepare the Make Up night duty Roster</td>
</tr>
<tr>
<td>6.</td>
<td>Smt. Madhuri Nanda</td>
<td>Acting DNS</td>
<td>Post Basic B.Sc. Nursing</td>
<td>Helping in administration &amp; CTVS&amp;SDL (Block Charge) Medical Team</td>
</tr>
<tr>
<td>7.</td>
<td>Smt. Sima Nag Maity</td>
<td>DNS</td>
<td>Post Basic B.Sc. Nursing</td>
<td>Helping in administration</td>
</tr>
<tr>
<td>9.</td>
<td>Smt. Sandhya Bardhan</td>
<td>DNS</td>
<td>G.N.M.</td>
<td>Helping in administration</td>
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**WARD MANAGEMENT**

<table>
<thead>
<tr>
<th>SN</th>
<th>Name of Officer &amp; Name of ward</th>
<th>Post/ Designation</th>
<th>Qualification</th>
<th>Activities</th>
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</thead>
<tbody>
<tr>
<td>No.</td>
<td>Name</td>
<td>Department</td>
<td>No of Bed/Beds</td>
<td>Title/Charge</td>
</tr>
<tr>
<td>-----</td>
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</tr>
<tr>
<td>22.</td>
<td>Smt. Mitali Das</td>
<td>Maternity septic Ward (Mat GF)</td>
<td>26</td>
<td>Sister-in - Charge [Gr.I(ii) of WBNS]</td>
</tr>
<tr>
<td>30.</td>
<td>Smt. Chaitali Sahoo</td>
<td>CTVS OT</td>
<td>Sister-in - Charge [Gr.I(ii) of WBNS]</td>
<td>Post Basic B.Sc Nursing</td>
</tr>
<tr>
<td>36.</td>
<td>Smt. Pratima Bhattacharjee</td>
<td>OT Complex, No. of bed-12</td>
<td>Sister-in - Charge [Gr.I(ii) of WBNS]</td>
<td>GNM Passed</td>
</tr>
<tr>
<td>37.</td>
<td>Smt. Usha Sarkar</td>
<td>WOT, Table no.3</td>
<td>Sister-in - Charge [Gr.I(ii) of WBNS]</td>
<td>Post Basic B.Sc Nursing</td>
</tr>
<tr>
<td>38.</td>
<td>Smt. Sanjukta Dutta</td>
<td>EOT OT, table no.2</td>
<td>Sister-in - Charge [Gr.I(ii) of WBNS]</td>
<td>GNM B.Sc (H) Nursing</td>
</tr>
<tr>
<td>41.</td>
<td>Smt. Namita Rana (Das), NPS OT</td>
<td>Table no.</td>
<td>Sister-in - Charge [Gr.I(ii) of WBNS]</td>
<td>GNM Passed B. Sc.(Hons) Nursing Cond.</td>
</tr>
<tr>
<td>43.</td>
<td>Smt. Ratna Das (II), CCR OT</td>
<td>Table no.</td>
<td>Sister-in - Charge [Gr.I(ii) of WBNS]</td>
<td>GNM Passed B. Sc.(Hons) Nursing Cond.</td>
</tr>
</tbody>
</table>
202

CANDIDATES QUALIFYING FROM COLLEGE OF NURSING

POST BASIC TRAINEE: 2015 – 2017:


M.Ss. NURSING :2016-18:


COND. B.Sc. (HONS.) NURSING: 2016-2018 - 26 GRADE II NURSING STAFF:


EXPERIENCE PROGRAMME
Experience Programme: Students come from different institutions like B. M. Birla Heart Research Centre, R. N. Tagore, K.P.C., Wood Lands, RAK Mission, MA Sarada C.O.N., Rubi General Hospital, West Bank etc.

FACULTY PERFORMANCE

Above Nursing Officers are working as Nursing Administrator, Manager of a Ward, Clinical Teaching with Bed Side Demonstrations of the procedure related to the Patients’ care. Class Room Teaching, Rural & Urban Community Supervision and Teaching.

Nursing Officers and Staff Nurses also attend various in-service education Programme, Workshops, Seminars and Conferences organized by the various departments of this institution and arranged & organized by the N.S. Office.

N.S., P.N.O., Sr. Sister Tutors, some of the D.N.S. are involved in teaching and Sister Tutors are paper setter and examiner of the WBNC. Nursing Superintendent and some DNS are responsible for annual inspection of different College of Nursing and School of Nursing, assigned by the INC & WBNC.

SUPERANNUATIONS IN 2016

<table>
<thead>
<tr>
<th>SN</th>
<th>Name</th>
<th>Designation</th>
<th>Status</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Smt. Rita Chakroborty</td>
<td>Sister Gr 1(ii)</td>
<td>Superannuation from S.S.K.M.</td>
<td>31.01.2016</td>
</tr>
<tr>
<td>2</td>
<td>Smt. Puspa Saha</td>
<td>Staff nurse</td>
<td>Superannuation from S.S.K.M.</td>
<td>31.01.2016</td>
</tr>
<tr>
<td>3</td>
<td>Smt. Sani Bala Ghosh</td>
<td>Staff nurse</td>
<td>Superannuation from S.S.K.M.</td>
<td>31.01.2016</td>
</tr>
<tr>
<td>4</td>
<td>Smt. Lakhmi Mitra</td>
<td>Staff Nurse</td>
<td>Superannuation from S.S.K.M.</td>
<td>30.02.2016</td>
</tr>
<tr>
<td>8</td>
<td>Smt. Sikha Saha</td>
<td>Staff Nurse</td>
<td>Superannuation from S.S.K.M.</td>
<td>30.06.2016</td>
</tr>
</tbody>
</table>

SANCTIONED STRENGTH OF BEDS AND NURSING PERSONNEL AND CURRENT VACANCY

| General Bed + Special Bed | 1600 |
ICCU + ITU + CCU + RCU 150
Total Bed 1750
Total OT 46, Cold OT 16, EOT-14, Minor OT & OPD OT-26
LR-2, Labour Table-06, OPD-21

Sanction strength of Nursing personnel in Hospital Nursing Administration and education - 1108
Total Sanction strength of Nurses - 1076
Posts filled-up - 868

TOTAL VACANT POST- 208
NS-01, PNO-01, DNS-14 out of 50 for three shifts, Senior Sister tutor -04 for two shifts, Sister In-charge -90 out of 109 for three shifts, Staff Nurses -868 out of 1076, Vacancy-208 for three shifts.
**SCHOOL OF NURSING**

The School of Nursing of SSKM Hospital, Kolkata came into being in 1956 and over time the school has been stepping forward and achieving excellence in producing skilled nursing students to the State.

The set-up of the school comprises of Principal Nursing Officer, Group-A of West Bengal General Service Cadre, Govt. of West Bengal, with a fully fledged Office.

Current student strength of GNM 183 with 50 yearly Intake,
Academic Session: September to August each year for the present
Duration of the GNM Course - 3½ years

No. of Students undergoing training year wise:-
- 1st Year - 50
- 2nd Year - 46+5 (Extra batches)
- 3rd Year - 41
- Internee - 40

Teaching Faculty - 22

**Interior organizational set up with activity**

Session of the GNM Course commences from September to August has been decided by the West Bengal Nursing Council. The courses are being conducted as per the guidelines provided by both Indian Nursing Council and West Bengal Nursing Council. Sincere efforts are taken to ensure healthy training atmosphere to the students.

**Annual results of the students**

- 40 3rd year students have completed successfully their 3rd GNM council examination and with 100% result, and started GNM Internship from September 2016 to February 2017.
- 46 2nd year GNM students are completed their 2nd GNM Council Examination in June, 2016 and with 100% result, and started 3rd year GNM from September 2016 to August 2017
- 5 (Extra batch) 2nd year GNM students are completed their 2nd GNM Council Examination in December, 2015 and with 100% result, and started 3rd year GNM from January 2016 to February 2017
- 47 1st year GNM students are completed their 1st GNM Council Examination in June, 2016 and with 100% result, and started 2nd year GNM from September 2016 to August 2017
- The newly admitted 50 (fifty) 1st year GNM students started session in September 2016.

Apart from undergoing theoretical and practical training students are being sent for gaining clinical experience to the following places beside SSKM Hospital:
- Institute of Psychiatry,
- Bangur Institute of Neuroscience,
- Chittaranjan Seva Sadan Hospital, for Midwifery & Obstetrics experiences

For gaining another phase of experience in Rural Community Health Nursing within the curriculum, the students are to sent to the different P.H.C., Sub-Centers under Sonarpur Rural Hospital, Subhasgram, and Laxmi Bala Dutta Rural Hospital, Muchisa, Budge Budge –II, South 24 Parganas.
To have the Urban Community experiences students are sent to the following nearby areas under the supervision of our experienced teachers, PHN and other staff of the PP Unit of SSKM Hospital, Kolkata. The areas are:

- Sambhunath Pandit Street
- D. L. Khan Road
- Rupnarayan Nandan Lane

For further exposure of experience, the students are taken to the following organizations, like:

- Garden Reach Water Works,
- Sewage treatment plants under Mahesh tala Municipality,
- Central Dairy Plant, Belgachia, Kolkata &
- IDBG Hospital.
- Brittania Industries Pvt. Ltd, Taratala.
- Old age home, Little Sister of The Poor.
- Blind school, Light house for the Blind, Rashbihari avenue

As part of the curriculum, the school organizes various programmes on special occasions throughout the year. Besides, the teachers also participate in different workshops and National Health Programmes from time to time to update them.

Every year students take active participation in the state-level S.N.A. annual sports. Cultural competitions, and educational trips and in various Health related programmes under the guidance of all dedicated & responsible teachers.

For best academic performances, school recommends the following students to receive medals, for 2015-16 Academic Session, on the occasion of foundation day of IPGME&R-SSKM Hospital on 16th Jan.2017:

1. 3rd Year G.N.M. Student – Jhilik Acharjee
2. 2nd Year G.N.M. Student – Nasrin Parvin
3. 1st Year G.N.M. student – Sonali Mondal

Government has been pleased to sanction for enhancement of hundred (100) GNM seats yearly intake from the year September 2017.

### Faculty position at Nursing Training School

<table>
<thead>
<tr>
<th>SN</th>
<th>Name</th>
<th>Post held with Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>JYOTSNA BERA</td>
<td>Principal Nursing Officer, Gr-I(i)(a), WBGS</td>
</tr>
<tr>
<td>2</td>
<td>CHANDRIMA MAITY</td>
<td>Sr. Sister Tutor, Gr-I(i)(b), WBNS</td>
</tr>
<tr>
<td>3</td>
<td>SOMA PAL</td>
<td>Sr. Sister Tutor, Gr-I(i)(b), WBNS</td>
</tr>
<tr>
<td>4</td>
<td>SWAPNA GHOSH</td>
<td>Sister Tutor, Gr-I(ii), WBNS</td>
</tr>
<tr>
<td>5</td>
<td>MITALI CHAKRABORTY</td>
<td>Sister Tutor, Gr-I(ii), WBNS</td>
</tr>
<tr>
<td>6</td>
<td>SOMA DAS</td>
<td>Sister Tutor, Gr-I(ii), WBNS</td>
</tr>
<tr>
<td>7</td>
<td>IRA PALIT</td>
<td>Sister Tutor, Gr-I(ii), WBNS</td>
</tr>
<tr>
<td>8</td>
<td>PAPIYA DAS</td>
<td>Sister Tutor, Gr-I(ii), WBNS</td>
</tr>
<tr>
<td>9</td>
<td>ALI SAHA</td>
<td>Sister Tutor, Gr-II, Teacher</td>
</tr>
<tr>
<td>10</td>
<td>SASWATI DUTTA</td>
<td>Sister Tutor, Gr-I(ii), WBNS</td>
</tr>
<tr>
<td>11</td>
<td>DEBJANI DEY</td>
<td>Sister Tutor, Gr-I(ii), WBNS</td>
</tr>
<tr>
<td>12</td>
<td>DIPALI MAHAPATRA</td>
<td>Sister Tutor, Gr-I(ii), WBNS</td>
</tr>
<tr>
<td>13</td>
<td>PIYALI HAZRA</td>
<td>Sister Tutor, Gr-I(ii), WBNS</td>
</tr>
</tbody>
</table>
Among 22 teachers, 2 are on study leave for undergoing M.Sc. Nursing and 3 are working on detailment to other Institutions. List of such teachers is given below:

<table>
<thead>
<tr>
<th>SN</th>
<th>Name</th>
<th>Post held with Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>ROMI DEVNATH</td>
<td>Sister Tutor, Gr-I(ii), WBNS</td>
</tr>
<tr>
<td>15</td>
<td>ANKITA NATH</td>
<td>Sister Tutor, Gr-I(ii), WBNS</td>
</tr>
<tr>
<td>16</td>
<td>JHUMA BHATTARCHYA</td>
<td>Principal Nursing Officer, Gr-I(i)(a), WBGS</td>
</tr>
<tr>
<td>17</td>
<td>MITA CHATTERJEE</td>
<td>Sister Tutor, Gr-I(ii), WBNS</td>
</tr>
</tbody>
</table>

**INFRASTRUCTURE DEVELOPMENT**

Government has sanctioned a separate eight storied compact building for Nursing Training School, construction of which is in progress.
**Postgraduate seats listing - 2016**

**Name of the medical college / institute**
Institute of Post graduate Medical Education & Research
244 A & B, Acharya J. C. Bose Road, Kolkata - 700020

**Name of the university with which courses are affiliated**
The West Bengal University of Health Sciences
DD-36, Sector I, Salt Lake, Kolkata - 700064.

### Degree seats

<table>
<thead>
<tr>
<th>SN</th>
<th>Name of subject</th>
<th>No. of PG Degree seats 2014</th>
<th>No. of seats under all-India quota</th>
<th>No. of seats under state quota</th>
<th>Latest status of PG seats in Reference / Notification No. of MCI / MOHFW, Govt. of India with date / year of recognition / approval of subjects</th>
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<td>1</td>
<td>MD (Anatomy)</td>
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<td>03 (3R)</td>
<td>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.</td>
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<td>01 (1R)</td>
<td>02 (2R)</td>
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<td>No.</td>
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<td>No. of seats under all-India quota</td>
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<td>Latest status of PG seats in Reference / Notification No. of MCI / MOHFW, Govt. of India with date / year of recognition / approval of subjects</td>
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<td>02</td>
<td>01</td>
<td>01</td>
<td>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.</td>
</tr>
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<td>10</td>
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<td>TOTAL</td>
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**Table Notes:**

- **Total seats for Diploma:** 134
- **Total seats for Diploma (66R + 1P):** 67
- **Total seats for Diploma (67R):** 67

**Diploma seats**

- **1 Dip. in Anesthesiology (DA):** 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):** Recognized 04.
- **4 Dip. in Medical Radiotherapy (DMRT):** 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):** Recognized 10.

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