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 (WBUHS), FIIACTA</td>
<td>Assistant Professor</td>
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<tr>
<td>Dr. Sandeep Kumar Kar, MD</td>
<td>Assistant Professor</td>
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<tr>
<td>Dr. Asit Munsi, DA</td>
<td>Medical Officer</td>
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</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
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 Hrudalaya 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 Hrudalaya 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, IPGMER but also from other institutions like VIMS, Sambhunath Pandit Hospital, Burdwan Medical College, Bankura Medical College, North Bengal Medical College, Kisangaung Medical College, ESI Hospital, Sealdah, KPC Medical College, Command Hospital and Tripura Medical College for hands-on training in Cardiac Anaesthesiology.
8. CTVAC for 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 IPGMER to have Hands on Training in Transthoracic Echocardiography for two months (One month in First year and one month in Third Year).
8. They are encouraged for publication of Research Articles, Case Reports, Review Articles in Different Journal of National and International repute.

**FACULTY NEWS**

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

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

**Dr. Sandeep Kumar Kar**
- Co Guide of two Postgraduate Trainees in MD Anaesthesia
- Active participation in classes for DM Post Doctoral Trainees and MD Anaesthesiaology students.
- Editor of insights of blood pressure
- Editor of journal of neurosurgery Imed pub indexed in scopus
- Editor of interventionnal Cardiology
- Editor in Chief Journal of Heart Care: Lawrence Press U.S.A.
- Editorial Board of International Archives of Medicine indexed in scopus
- Editor Translational Biomedicine indexed in scopus
- Editorial Board Member Biotechnology & Biomaterials.
- Editorial Board Member 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

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<tr>
<th>Month</th>
<th>Elective Surgery</th>
<th>Emergency Surgery</th>
<th>Cath Lab</th>
<th>OPD Cases</th>
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<tr>
<td></td>
<td>Cardiac Surgery With CPB</td>
<td>Cardiac Surgery Without CPB</td>
<td>Thoracic Surgery</td>
<td>Other Surgeries</td>
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<tr>
<td>October</td>
<td>25</td>
<td>12</td>
<td>06</td>
<td>13</td>
<td>09</td>
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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.