



Government of West Bengal  
**Institute of Postgraduate Medical Education & Research**  
**Centre of Excellence in Medical Education & Research**

## Critical Care Medicine

### FACULTY

Dr. Asim Kumar Kundu, MD	Professor & Head
Dr. Sugata Dasgupta	Professor
Dr. Samarendra Nath Samui MD DCH	Associate Professor
Dr. Debashis Mondal, MD	Assistant Professor
Dr. Subinay Chhaule, DA, MD	Assistant Professor
Dr. Avijit Moulick, MD,DM (Cardio)	Assistant Professor

### Senior Residents (other than PGTs of 2018-21 session) Postdoctoral Trainees-

Dr. Kshetrimayum Silpa MD (Respiratory Medicine)
Dr. Samik Pramanik MD (Medicine)
Dr. Francis J Kattady MD (Anesthesiology) DNB (Anesthesiology)
Dr. Rupanwita Sen DNB (Anesthesiology)

### Medical Officers, Research scholars and non-teaching staff

Dr. Praveen Kumar Gupta MBBS	Medical Officer
Dr. Sabuj Roy MBBS	Medical Officer
Dr. Sourav Dey MBBS	Medical Officer
Dr. Muktadeep Barai MBBS	Medical Officer
Dr. Siddhartha Chakroborty MBBS	Medical Officer
Dr. Tarashankar Mukherjee MBBS	Medical Officer
Dr. Vikash Kumar Singh MBBS	Medical Officer
Dr. Raja Chakravorty MPharm	RA-III of ICMR Project
Dr. Dhriti Paul MBBS	Junior Resident
Dr. Akanksha Madhuri MBBS	Junior Resident
Dr. Srijita Ray MBBS	Junior Resident
Dr. Subhadeep Chakroborty MBBS	Junior Resident
Dr. Abu Sufian Sha MBBS	Junior Resident
Dr. Mahmud Hasan MBBS	Junior Resident

### TRANSFERS, POSTINGS AND SUPERANNUATIONS

#### Transferred from the Department during this year

Dr. Indranil Thakur, Assistant Professor, CCM	Transferred to Diamond Harbour Medical College as Assistant Professor, Medicine.
---	--

### ACADEMIC ACTIVITY

1. DM (Critical Care Medicine) – started in September, 2019 with 2 students/academic year. First batch went for DM CCM Examination under WBUHS in 2022. All candidates were successfully cleared the examination. Dr.

Puja Trigunait was the University topper in CCM. The said examination was observed by NMC assessor Prof. Arvind Baronia.

2. DNB (Critical Care Medicine) Practical Examination was conducted at this Department on 21-22 November.
3. Diploma in Critical Care Technology (DCCT) (2 years paramedical course).
4. MD (Emergency Med) – Postgraduate training on rotation.
5. DNB Medicine - Postgraduate training on rotation.
6. Training of Medical Officers coming periodically – as part of State run project of Critical Care support for all the CCUs in West Bengal. This year 4 Medical Officers were trained.
7. Training of Nursing Staff for different state run CCUs. The 6<sup>th</sup> batch training is going on.
8. Dr. Francis J Kattady, SR has successfully completed the IDCCM in September 2022.
9. Dr. Asim Kumar Kundu delivered a presentation on `Adjunctive therapies in Sepsis` at APIGERICON 2022.
10. Department of Critical Care organizes monthly mortality clinics involving other departments like Pathology, Forensic Medicine, Pharmacology, Nephrology, Medicine, Rheumatology, G&O etc.

### **PUBLICATION BY FACULTY, STUDENTS AND RESEARCH SCHOLARS**

- Dr. Asim Kumar Kundu, Dr. Paramita Basu, Dr. Debbanhi Barua, Dr. Abhishek Mukherjee. The Comparative Study between Fentanyl and Lignocaine-Tramadol-Magnesium Sulfate Combination on Intraoperative Hemodynamic and Intubation Surge in patients undergoing Surgery under Balanced General Anesthesia. International Journal of Scientific Research Volume - XI Issue - 01 January – 2022 PRINT ISSN No. 2277 - 8179 DOI: 10.36106/ijsr/2311231
- Manjushree Ray, Asim Kumar Kundu, Gautam Lahiri, Swati Lahiri. Efficacy of Remdesevir versus Remdesevir plus Tocilizumab in moderate to severe Covid-19 patients admitted in the Critical Care Unit of a tertiary care Hospital in West Bengal, India. International Journal of Scientific Research. Volume-11, Issue-5, May 2022. 24-7.
- Smita Gulati, Samarendra Nath Samui, Anisha De. Comparison Of Macintosh, McCoy, Truview EVO2, and Kind Vision Laryngoscopes for Intubation in Patients with Immobilized Cervical Spine: A Randomized, Controlled Trial. Bali Journal of Anesthesiology. 2022; 6:108-14.
- Subhrangshu Mukherjee, Subhabrata Ray, Avijit Moulick, Pasang Lahmu Sherpa. Pulmonary hypertension in hemoglobinopathies: a neglected entity. Journal of Indian Medical Association 2022; 120(3):24-8.

### **RESEARCH PROJECTS AND ACTIVITY**

We have successfully completed the ICMR Project – Initiation of Antimicrobial Stewardship Program in different tertiary care Hospitals in India in February 2022.

Implementation of Anti Microbial Stewardship Program (AMSP) in various tertiary care Hospitals in India: An ICMR project, was started in June 2022.

### **SERVICE INFORMATION**

#### **1. Service areas**

1. Inpatient care: CCU at 3<sup>rd</sup> Floor, Main Block.  
Presently CCU and Step-down are at 3<sup>rd</sup> floor Main Building as PICU was shifted to 2<sup>nd</sup> floor.  
Total no. of patients admitted from December 2012 to November 2022 - 1188.
2. Follow Up OPD: Ground floor, Main Block.

**2. Total number of Critical Care Beds:** 32.

#### **3. Facilities available**

All modern monitoring and support system including Multichannel monitor, Blood Gas & Electrolyte Analyzers, Invasive hemodynamic device, Bedside Ultrasonography, Ventilator – Invasive, Non Invasive, Bedside Dialysis and Flexible Bronchoscopes, Cardiac Output Monitor etc. We have started Plasmapheresis at CCU with help from Department of Nephrology. We want to start CRRT at our Department.

**4. Follow up OPD:** Discharged patients are followed up on Monday & Thursday 2.00 p.m. -4.00 p.m.

- Total no. of patients attended in 2022 till date = 126.
- Some other discharged patients are followed up in OPDs of different other specialties as services warrant.

**SPECIAL CONTRIBUTIONS TO FIGHT AGAINST COVID-19 AND OTHER SPECIAL ACHIEVEMENTS**

Faculties and PDTs are doing SNPH Covid CCU duty on rotation. MTCCs were deputed to different Covid units on detailment. ECMO machine was relocated to SNPH Covid Unit. MT Perfusionists were also deployed there.

DCCT interneees were posted at BIN, ICCU, TICU,ITU on rotation.

---