

Government of West Bengal
**R. G. KAR MEDICAL
COLLEGE & HOSPITAL**

1, Khudiram Bose Sarani, Kolkata – 700004



Estd 1916
SERVING HUMANITY FOR 105 YEARS



ANNUAL REPORT FOR THE YEAR OF 2021

**We salute all healthcare professionals
for their brave fight against Covid-19**

*R.G. Kar Medical College & Hospital
Kolkata, West Bengal*



New Achievements of R. G. Kar Medical College & Hospital during 2021

1. Established a new CCU for COVID-19 patients
2. RAT & RT-PCR for COVID-19 detection in Emergency Observation Ward (24X7) and Fever Clinic
3. Round the Clock (24X7) Dialysis Services
4. Finalization of establishment of Pressure Swing Adsorption (PSA) Oxygen Plant
5. Shifting of Main Store and MRD from basement of Casualty Block to New Store Building
6. Sanctioned 24 bedded hybrid CCU
7. A new land for students' hostel for extension of other departments related to patient care services has been allotted
8. COVID-19 vaccination to all categories healthcare providers and willing citizens
9. Opening of OPD at 8:30 a.m with 6 Registration Counters & 10 Pharmacy Counters
10. Delivery of Birth Certificate to the mother at the time of discharge
11. VRDL, MRU and DST-FIST sponsored laboratories started functioning
12. Hepatitis B vaccination to all healthcare providers and students.
13. Opening of new Gymnasium for the students in the campus
14. Scaling up Janani Suraksha Yojana (JSY) payments to beneficiaries
15. LMO Oxygen Plant Work sanctioned by Govt. of W.B and installation on process



**Government of West Bengal
Office of the Principal
R. G. Kar Medical College, Kolkata**

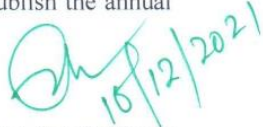
Message from the desk of Principal

It gives me an immense gratification and fulfillment to become a part of publishing the complete annual report of our esteemed institute R.G. Kar Medical College & Hospital, Kolkata after a long time.

As a principal, I take pride in knowing about the amazing effort being relentlessly given by my fellow colleagues, students, paramedical & non-medical staffs to serve mankind each and every day. The 2021 Annual Report collects many of these accomplishments from January to December 2021 and reflects the endeavor and dedication of the entire fraternity. As always, thank you my team RGKMCH for being such a valuable asset to this institution which is diligently committed to the welfare of humanity for more than a century.

During the current Pandemic of Covid-19, we are trying to implement a collective vision that recognizes the changing needs of our community. We love learning and discovery. We embrace challenges and are committed to excellence. Empowerment of student for their proper and holistic development through education and other co-curricular activities is our cherished motto. I wish many more enthusiastic minds will come and strengthen the human resource of this reputed organization in the coming years.

It's an absolute honor and privilege for me to express my sincere appreciation and regards to all members of RGKMCH and the editorial team for their admirable effort to successfully compile and publish the annual report for 2021.


Prof. (Dr.) Sandip Ghosh
Principal
R. G. Kar Medical College, Kolkata
West Bengal



**Government of West Bengal
Office of the M.S.V.P.
R. G. Kar Medical College & Hospital, Kolkata**

Message from the desk of Medical Superintendent Vice Principal

I am thankful to be a part of the Annual Report of R. G. Kar Medical College & Hospital going to be published after a long pause for the year 2021. The institute continues to accomplish highest standards across a wide range of competencies with our faculties excelling in spheres of patient care, education and research with each passing year. Our prestigious R.G. Kar Medical College & Hospital produces large number of doctors (MBBS), specialists (MD/MS), super-specialists (DM/MCh.) and allied health and basic sciences experts, including nurses and paramedical professionals.

I am privileged to acknowledge my debt to all students, faculty members, physicians, surgeons, nurses, paramedics, non-medical officers and staffs of RGKMCH who serve it in so many ways.

I hope this year and also in the coming years many new faces will be added to RGKMCH family, who will guide the society in future, will make wider platform to help each other and will serve humanity for years to come.

My best wishes to the editorial team who has done commendable job in compilation of this Annual Report.

Prof. (Dr.) Sanjay Vashisth
Medical Superintendent & Vice Principal
R.G. Kar Medical College, Kolkata
West Bengal
Medical Superintendent
Cum Vice-Principal
R.G. Kar Medical College & Hospital
Kolkata

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- Respiratory Medicine
- Multi Disciplinary Research Unit (DHR-ICMR)
- Blood Bank
- Central Library

R.G. Kar Medical College & Hospital

Administrative & Allied Committees

College Council

Name	Designation	Role
Prof. (Dr.) Sandip Ghosh	Principal	Chairperson
Prof. (Dr.) Sanjay Vashisth	MSVP	Member
Prof. (Dr.) Prabir Kumar Mukhopadhyay	Dean of Students' Affairs	Member
Prof.(Dr.) Swati Bhattacharyya	Deputy Dean	Member
All Head of the Departments	HODs	Members
Dr. Tridip Mustaphi	Deputy Superintendent	Member
Prof. (Dr.) S. Dasgupta	CCU, In-Charge	Member
Prof. (Dr.) Jyotirmoy Pal	Covid Nodal Officer	Member
Dr. Avijit Saha	MRU, In-Charge	Member
Dr. Moloy Ghosh	Director, Blood Bank	Member
Dr. Nandini Bhaduri Bhattacharyya	Central Lab, In-Charge	Member
Dr. Rupali Modak	Dept. of G&O	Member
Dr. Maitreyi Bandyopadhyay	Dept. of Microbiology	Member
Dr. Prabir Kundu	Dept. of General Medicine	Member
Dr. Purnima Mondal	Superintendent Ladies Hostel	Member
Dr. Sarmila Nath	Superintendent Ladies Hostel	Member
Dr. Atanu Chandra	Superintendent Lalit	Member
Dr. Swapan Kr. Mondal	Superintendent Boys' Hostel, Maniktala	Member
Dr. Faruk Hassan	Superintendent Boys' Hostel	Member
Sri Samar Dutta	Accounts Officer	Member
Sri Akhtar Ali	Deputy Superintendent (NM)	Member
Sri Dwaipayan Biswas	Asst. Superintendent (NM)	Member
Smt. Krishna Saha	Nursing Superintendent	Member
Sri B. Mondal	Asst. Engineer, PWD (Electrical)	Member
Sri Avijit Chowdhury	PWD (Civil)	Member
Sri Joysen Adak	O/C, Outpost	Member
Sri Sushanta Kr. Mishra	Security Officer	Member

Rogi Kalyan Samity

- Dr. Sudipta Roy, Hon'ble MLA, WB [Chairperson]
- Director of Medical Education, Dept. of Health & Family Welfare, WB
- Sri Atin Ghosh, Hon'ble MLA, WB
- Sri Tarun Kr. Saha, Councilor, Ward-5, KMC
- Prof. (Dr.) Sandip Ghosh, Principal, RGKMC, Kolkata [Vice-Chairperson]
- Prof. (Dr.) Sanjay Vashisth, MSVP, RGKMC&H, Kolkata [Member Secretary]
- Dr. Mustaphi, Deputy Superintendent, RGKMC&H, Kolkata [Joint Secretary]
- Sri Arunagshu Kar, Accounts Officer, RGKMC&H, Kolkata [Joint Secretary]
- Sri Akhtar Ali, Deputy Superintendent (NM), RGKMC&H, Kolkata [Joint Secretary]
- Prof. (Dr.) Prabir Kumar Mukhopadhyay, Dean of Students' Affairs, RGKMC, Kolkata
- Prof. (Dr.) Bikash Chandra Ghosh, Faculty, Dept. of Surgery, RGKMC&H, Kolkata
- All Head of the Departments, RGKMC&H, Kolkata
- Dr. N.K. Giri, Emergency Medical Officer, RGKMC&H, Kolkata
- Smt. Krishna Saha, Nursing Superintendent, RGKMC&H, Kolkata
- Executive Engineer, PWD (Civil), Kolkata North Health Division, Salt Lake, Kolkata-73
- Executive Engineer, PWD (Electrical), Kolkata North Calcutta Electrical Division, Kolkata-87
- Deputy Commissioner of Police, North Division, Kolkata
- Sri Subal Ch. Mondal, Assistant Commissioner of Police, RGKMCH Outpost
- Officer-in-Charge, Tala Police Station, Kolkata
- Officer-in-Charge, Shyambazar Traffic Guard, Kolkata
- Officer-in-Charge, Police Outpost RGKMC&H, Kolkata

Anti Ragging Committee

- | | |
|--|-------------------------------|
| • Principal, RGKMC, Kolkata | Chairperson cum Nodal Officer |
| • Dean of Students' Affairs, RGKMC, Kolkata | Convenor |
| • MSVP, RGKMC&H, Kolkata | Member |
| • Dr. Purnima Mondal, , Asst. Professor, Dept. of Microbiology,
Superintendent Ladies Hostel, RGKMC&H, Kolkata | Member |
| • Dr. Sangeeta Ghosh, Asst. Professor, Dept. of Microbiology,
RGKMC&H, Kolkata | Member |
| • Dr. Prabir Kr. Kundu, Asst. Professor, Dept. of General
Medicine, RGKMC&H, Kolkata | Member |
| • Dr. Swapan Kr. Mondal, Demonstrator, Dept. of Pharmacology,
RGKMC&H, Kolkata & Superintendent Boys' Hostel,
Maniktala, | Member |
| • Mrs. Swati Bhowmick, Asst. Superintendent (NM),
RGKMC&H, Kolkata | Member |
| • President Students' Union, RGKMC&H, Kolkata | Member |
| • General Secretary, Students' Union, RGKMC&H, Kolkata | Member |

Vishaka Committee

In compliance with Hon'ble Supreme Court's Judgement and Instruction from National Medical Commission (erstwhile MCI), Vishaka Committee has been formed in R. G. Kar Medical College & Hospital, Kolkata against Sexual Harassment of Women with the following distinguish members:

- | | |
|--|--------------------|
| • Principal, RGKMC, Kolkata | Member |
| • Dean of Students' Affairs, RGKMC, Kolkata | Member |
| • MSVP, RGKMC&H, Kolkata | Member |
| • Prof. (Dr.) Swati Bhattacharyya, Professor, Dept. of Pharmacology, RGKMC&H, Kolkata | Chairperson |
| • Prof. (Dr.) Somnath Das, Professor & Head, Dept. of Forensic Medicine, RGKMC&H, Kolkata | Member |
| • Dr. Sangeeta Ghosh, Assistant Professor, Dept. of Microbiology, RGKMC&H, Kolkata | Member |
| • Smt. Rupasree Roy Chakraborty, Director, Indrajit Roy Foundation, Social Scientist & Representative of NGO | Member
External |

Institutional Ethics Committee for Human Research

In accordance with universally accepted principles of bioethics, all research in R.G. Kar Medical College & Hospital should collect prior clearance from the institutional ethics committees. Institutional Ethics Committee (IEC) approves and monitors research for Clinical Trials. IEC has registered with The Drug Controller General India (Regn. No.: ECR/322/inst/WB/2013). The present composition of IEC is as follows:

Sl. No.	Name	Gender	Designation	Role
1	Prof. (Dr.) Krishnangshu Ray	M	Ex-Director, Institution of Health & Family Welfare, Swasthya Bhawan, Kolkata	Chairman
2	Prof. (Dr.) Somnath Das	M	Professor & Head, Dept. of Forensic Medicine, R.G Kar Medical College, Kolkata	Member Secretary
3	Prof. (Dr.) Prabir Kr. Mukhopadhyay	M	Dean of Students' Affairs, R.G Kar Medical College, Kolkata	Basic Medical Scientist within the Institute
4	Prof. (Dr.) Rajendra Prasad Ganguly	M	Professor, Dept. of Obstetrics & Gynecology, R.G Kar Medical College, Kolkata	Clinician within the Institute
5	Prof. (Dr.) Subrata Dey	M	Professor & Head, Dept. of CTVS, R.G Kar Medical College, Kolkata	Clinician within the Institute
6	Prof. (Dr.) Sobhan Biswas	M	Professor, Dept. of General Medicine, Calcutta National Medical College, Kolkata	Clinician within the Institute
7	Prof. (Dr.) Sibarjun Ghosh	M	Professor & Head, Dept. of Pediatrics, Medical College, Kolkata	Clinician within the Institute
8	Prof. (Dr.) Subir Gangopadhyay	M	Ex-Head, Dept. of Radiotherapy, R.G Kar Medical College, Kolkata	Clinician within the Institute
9	Prof. (Dr.) Rupnarayan Bhattacharya	M	Head, Dept. of Plastic Surgery, R.G Kar Medical College, Kolkata	Clinician within the Institute
10	Prof. (Dr.) Manas Kumar Bandopadhyay	M	Professor, Dept. of Microbiology, R.G Kar Medical College, Kolkata	Clinician within the Institute
11	Smt. Rupashree Chakraborty	F	Direction, Indrajit Roy Foundation	Social Scientist & Representative of NGO
12	Mrs. Kalpana Dey	F	Ex-District & Session Judge, South 24 Paraganas	Legal Expert
13	Mr. Ardhendu Sekhar Maiti	M	Ex-Teacher, Budge Budge College	Lay Person Community

Medical and Allied Courses Seat Distribution

<u>Name of the Courses</u>	<u>Total Seats</u>
• M.B.B.S (Undergraduate degree)	250
• M.D / M.S (Postgraduate degree) / Diploma	163
• D.M / M.CH	20
• B.Sc	30
• M.Sc	11
• Paramedical Diploma Courses	90

Postgraduate Seats (M.D / M.S / Diploma)– 2021

Sl. No.	Name of Subject	No. of PG Degree seats	No. of seats under all India quota	No. of seats under state quota
1	Anaesthesiology	10	5	5
2	Anatomy	5	2	3
3	Biochemistry	4	2	2
4	Dermatology	3	1	2
5	Forensic Medicine	4	2	2
6	General Medicine	14	7	7
7	General Surgery	14	7	7
8	Microbiology	6	3	3
9	Obstetrics & Gynaecology	25	12	13
10	Ophthalmology	6	3	3
11	Orthopaedics	4	2	2
12	Otorhinolaryngology	6	3	3
13	Paediatrics	11	5	6
14	Pathology	8	4	4
15	Pharmacology	4	2	2
16	Physical Medicine Rehabilitation	3	1	2
17	Physiology	7	3	4
18	Preventive Social Medicine	5	2	3
19	Psychiatry	4	2	2
20	Radiotherapy	6	3	3
21	TB Respiratory Diseases	10	5	5
22	Anaesthesiology (Diploma)	4	2	5
Total PG Degree Seats		163	78	85

Postdoctoral Seats (DM / M.CH)– 2021

Sl. No.	Name of Subject	No. of seats
1	M.CH Cardiovascular & Thoracic Surgery	4
2	D.M Cardiac Anaesthesia	1
3	D.M Cardiology	6
4	D.M Medical Gastroenterology	2
5	M.CH Plastic & Reconstructive Surgery	4
6	M.CH Urology	3
Total D.M / M.CH Seats		20

Paramedical Diploma Seats – 2021

Sl. No.	Name of Subject	No. of seats
1	Diploma in Medical Laboratory Technology (DMLT)	30
2	Diploma in Neuro Electro Physiology (DNEP)	1
3	Diploma in Operation Theatre Technology (DOTT)	9
4	Diploma in Perfusion Technology (DPFT)	3
5	Diploma in Physiotherapy (DPT)	4
6	Diploma in Radio Diagnosis (DRD)	10
7	Diploma in Radiotherapeutic Technology (DRT)	3
8	Diploma in Cath-Lab Technician (DCLT)	4
9	Diploma in Critical Care Technology (DCCT)	9
10	Diploma in Diabetic Care Technology (DDCT)	2
11	Diploma in Dialysis Technique	5
12	Diploma in Electrocardiographic Technique	10
Total Paramedical Diploma Seats		90

Out Patient Departmental Hospital Service

Departments (OPD)	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
ANTENATAL	OPD	OPD	OPD	OPD	OPD	OPD
ART CLINIC	OPD	OPD	OPD	OPD	OPD	OPD
CARDIO THORASIC SURGERY	OPD	OPD	OPD	OPD	OPD	OPD
CARDIOLOGY	OPD	OPD	OPD	OPD	OPD	OPD
CHEST	OPD	OPD	OPD	OPD	OPD	OPD
DENTAL	OPD	OPD	OPD	OPD	OPD	OPD
DERMATOLOGY	OPD	OPD	OPD	OPD	OPD	OPD
DIABETIC	CLOSED	CLOSED	CLOSED	CLOSED	OPD	CLOSED
E.N.T	OPD	OPD	OPD	OPD	OPD	OPD
ENDOCRINOLOGY	CLOSED	CLOSED	OPD	CLOSED	CLOSED	CLOSED
EYE	OPD	OPD	OPD	OPD	OPD	OPD
GASTROENTROLOGY	OPD	CLOSED	CLOSED	OPD	CLOSED	CLOSED
GYNAECOLOGY	OPD	OPD	OPD	OPD	OPD	OPD
MEDICINE	OPD	OPD	OPD	OPD	OPD	OPD
NEPHROLOGY	CLOSED	CLOSED	OPD	CLOSED	CLOSED	CLOSED
NEURO MEDICINE	CLOSED	OPD	CLOSED	OPD	CLOSED	CLOSED
NEURO SURGERY	OPD	CLOSED	OPD	CLOSED	OPD	CLOSED
ORTHO-UNIT-I	OPD	CLOSED	CLOSED	OPD	CLOSED	CLOSED
ORTHO-UNIT-II	CLOSED	CLOSED	OPD	CLOSED	CLOSED	OPD
ORTHO-UNIT-III	CLOSED	OPD	CLOSED	CLOSED	OPD	CLOSED
P M R	OPD	OPD	CLOSED	OPD	CLOSED	OPD
PAEDIATRIC	OPD	OPD	OPD	OPD	OPD	OPD
PAEDIATRIC SURGERY	OPD	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED
PAIN CLINIC	CLOSED	OPD	CLOSED	CLOSED	OPD	CLOSED
PEADIATRIC UROLOGY	CLOSED	OPD	CLOSED	CLOSED	OPD	CLOSED
PLASTIC SURGERY	CLOSED	CLOSED	OPD	CLOSED	OPD	CLOSED
PSYCHIATRIC	CLOSED	CLOSED	OPD	CLOSED	OPD	CLOSED
RADIO THERAPY	OPD	OPD	OPD	OPD	OPD	OPD
RHEUMATOLOGY	OPD	OPD	OPD	OPD	OPD	OPD
SURGERY	OPD	OPD	OPD	OPD	OPD	OPD
URO SURGERY	CLOSED	OPD	CLOSED	OPD	CLOSED	CLOSED
URO-NEUROLOGY	CLOSED	OPD	CLOSED	OPD	CLOSED	CLOSED
URO-ONCOLOGY	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED	OPD

Hospital Service

Month in 2021	Total Indoor Patient Department(IPD)	Total Out Patient Department (OPD)
January	6765	59548
February	6224	61860
March	6915	72720
April	5426	52889
May	4104	17531
June	3994	30311
July	5227	55885
August	5895	67644
September	6659	67449
October	5777	36780
November	6724	74511
Total	6,3710	6,24,125

*Source: Hospital Management Information System, RGKMCH, Kolkata

Department of Anaesthesiology

Faculties:

- | | |
|----------------------------|---------------------|
| • Dr. Dipasri Bhattacharya | Professor & Head |
| • Dr. Goutam Choudhuri | Professor |
| • Dr. Sugata Dasgupta | Professor |
| • Dr. Bani P M Hembrom | Associate professor |
| • Dr. Sankar Roy | Associate professor |
| • Dr. Rajib Ganguly | Assistant Professor |
| • Dr. Amit Roy | Assistant Professor |
| • Dr. Debojyoti Sur | Assistant Professor |
| • Dr. Arpita Choudhury | Assistant Professor |
| • Dr. Sumanta Mondal | Assistant Professor |

Residential Medical Officers:

- | | |
|-------------------------------|---------------------------|
| • Dr. Vineet Das | • Dr. Sourav Mallik |
| • Dr. Bilkish Begum | • Dr. Arindam Das |
| • Dr. Rama Chakraborty Ghatak | • Dr. Debojyoti Mukherjee |
| • Dr. Nitisha Chakraborty | |

Medical Officer:

- Dr. Chandra Mukherjee

Senior Resident:

- Dr. Priyanka Kumari
- Dr. Samrat Roy
- Dr. Aritra Goswami

Bonded Senior Residents:

- | | |
|------------------------|-------------------------|
| • Dr. Debomita Das | • Dr. Atif Siraj |
| • Dr. Dipanjan Dawn | • Dr. Nisha Bhutia |
| • Dr. Abhishek Paul | • Dr. Glory Sarkar |
| • Dr. Tathagata Mondal | • Dr. Dhruvaditya Dhara |

Junior Residents:

- | | |
|---------------------------|-----------------------|
| • Dr. Shalini Nangalia | • Dr. Soumik Mazumdar |
| • Dr. Anurag Chatterjee | • Dr. D S Rahul |
| • Dr. Dipro Bhattacharyya | • Dr. Rahul Mondal |
| • Dr. Saranya Ghosh | • Dr. Provasish Pal |
| • Dr. Shalini Das | • Dr. Sarmila Mondal |
| • Dr. Madhurima Saha | • Dr. Saptadipa Gupta |
| • Dr. Rina Majumder | • Dr. Rajib Sikder |

- Dr. Ipsita Roy
- Dr. Moumita Roy
- Dr. Bidisha Basu
- Dr. Susmita De

- Dr. Palash Kumar Bhar
- Dr. Sayantan Rout
- Dr. Hrishikesh Mitra

Non Teaching Staff

- Mr. Ramen Talukder
- Mrs. Aarti Dey
- Mr. Tarun

Research scholar (FIPM)

- Prof. Sarmila Ghosh
- Prof. Soma Mukhopadhyay
- Prof. Susmita Bhattacharya
- Dr. Sankar Roy
- Dr. Sumanta Mondal

Research work submitted as thesis topics/research ongoing in the sessions 2019-2022:

PG Trainee / Research Scholar	Year	Guide(s)	Title
Susmita De	2019-2022	Dr.(Prof) Dipasri Bhattacharya	COMPARISON OF ANALGESIC EFFECT OF LEVOBUPIVACAINE (0.25%) VS BUPIVACAINE (0.25%) USING ULTRASOUND GUIDED TRANSVERSUS ABDOMINIS PLANE BLOCK IN TOTAL ABDOMINAL HYSTERECTOMY UNDER GENERAL ANAESTHESIA- AN OBSERVATIONAL STUDY
Sharmila Mondal	2019-2022	Dr.(Prof)Dipasri Bhattacharya Dr. Rajib Ganguli	COMPARISON OF CLINICAL EFFECTS OF LARYNGOSCOPY WITH C MAC -D BLADE AND MACCOY LARYNGOSCOPE IN PATIENTS WITH HIGHER MALLAMPATI GRADE POSTED FOR ENT SURGERY UNDER GENERAL ANAESTHESIA
Rahul Deb Mondal	2019-2022	Dr.(Prof) Dipasri Bhattacharya	COMPARISON OF HAEMODYNAMIC RESPONSES BETWEEN C-MAC VIDEO LARYNGOSCOPE AND MACINTOSH LARYNGOSCOPE FOR ENDOTRACHEAL INTUBATION IN CONTROLLED HYPERTENSIVE PATIENTS UNDERGOING ELECTIVE SURGERY UNDER GENERAL ANAESTHESIA- A PROSPECTIVE OBSERVATIONAL STUDY
Moumita Roy	2019-2022	Dr.(Prof) Dipasri Bhattacharya Dr. Sankar Roy	ABILITY OF FINGER PERFUSION INDEX TO PREDICT THE INCIDENCE OF HYPOTENSION DURING SPINAL ANAESTHESIA IN PARTURIENT UNDERGOING ELECTIVE CAESAREAN

			SECTION
Bidisha Basu	2019-2022	Dr.(Prof) Goutam Choudhuri	EFFECT OF PEEP ON LUNG COMPLIANCE AND AIRWAY PRESSURE DURING LAPAROSCOPIC ABDOMINAL SURGERY
Dr. Soumik Mazumder	2019-2022	Dr (Prof) Sugata Dasgupta	PREVALENCE AND PERIOPERATIVE COMPLICATIONS OF METABOLIC SYNDROME AMONG EASTERN INDIAN ELECTIVE SURGICALPATIENTS
Saptadeepa Gupta	2019-2022	Dr.(Prof) Sarmila Ghosh	COMPARISON OF EFFECT OF PRETREATMENT WITH CISATRACURIUM AND ROCURONIUM ON SUCCINYLCHOLINE INDUCED FASCICULATION FOR PATIENTS UNDERGOING SURGERY UNDER GENERAL ANAESTHESIA
Provasis Pal	2019-2022	Dr.(Prof) Sarmila Ghosh	PREVALENCE OF COMORBID CONDITIONS AMONG PATIENTS ATTENDING PREANESTHESIA CHECKUP CLINIC IN A TERTIARY LEVEL HOSPITAL IN KOLKATA, WEST BENGAL
DS Rahul	2019-2022	Dr.(Prof) Sarmila Ghosh	COMPARISION OF THE C-MAC VIDEO LARYNGOSCOPE TO THE MACINTOSH LARYNGOSCOPE FOR EASE OF INTUBATION AND HAEMODYNAMIC STABILITY BY JUNIORRESIDENTS DURING GENERAL ANAESTHESIA

Departmental Achievements:

- Presentation of scientific paper by all(11) 3rd year PGTs in ISACON WB, and two by 2nd year PGTs in ISACON 2021.
- State conference ISACON WB attended by all faculties.
- Annual conference ISACON 2021 virtual by HOD.
- Dr. Shalini Das awarded 1st prize in free paper presentation in ISACON WB 2021.
- Fellows of FIPM attended workshop on pain.
- ICRA conference attended by HOD.

Research Paper Publications:

1. Anurag Chatterjee1, Dipasri Bhattacharya2*.Determination of Correct Size of Endotracheal Tube in Children by Ultrasonographic Measurement of Subglottic Diameter VersusTraditional Formula. Journal of Anesthesia and Intensive Care.2021;vol2(3):50-55.
2. Arpita Choudhury, Dipasri Bhattacharya, Rajasree Biswas, Swati Saroha,Nitisha Chakraborty, Samrat Roy. Clinical effects of two different doses of duloxetine compared to conventional

analgesic therapy in patients with osteoarthritis knee. Asian Journal Of Medical Sciences Oct 2021; Vol 12 Issue 10:97-104.

3. Rajasree Biswas, Arpita Choudhury, Dipasri Bhattacharya, Sabyasachi Nandy. A comparative evaluation of Kambin's triangle approach versus safe triangle approach for lumbar transforaminal epidural injection in patients with lumbar radiculopathy - A prospective, randomized, double blind study. Asian Journal of Medical Sciences 2021; 12(8):41-47.
4. Nitisha Chakraborty, Sankar Roy, Debajyoti Sur, Arunava Biswas, Dipasri Bhattacharya, Anjan Adhikari. Comparison between esmolol and verapamil in attenuation of cardiovascular stress response to laryngoscopy and endotracheal intubation in elective surgery. Asian Journal of Medical Sciences. 2021 ; Vol 12 (Issue 7):64-68.
5. Amit Kumar Dey, Paramita Pandit, Sankar Roy, Arunava Biswas, Dipasri Bhattacharya. A Prospective, Longitudinal Study On Effectiveness Of King Vision Video Assisted Laryngoscope And Maccoy Laryngoscope In Patients With Simulated Restricted Neck Mobility. Journal of Clinical and Diagnostic Research, 2021; vol15(3):UC21-24.
6. Sankar Roy, Bidyut Bikas Gharami, Paramita Pandit, Arunava Biswas, Dipasri Bhattacharya, Sukanta Sen. A study on oral clonidine vis a vis intravenous lignocaine for attenuation of hemodynamic response to laryngoscopy and endotracheal intubation. Asian Journal of Medical Sciences 2021; Vol 12 / Issue 3: 33-37
7. Mohanchandra Mandal, Dipasri Bhattacharya, Antonio M. Esquinas. Diaphragm and Lung Ultrasound Indices in Prediction of Outcome of Weaning from Mechanical Ventilation in Pediatric Intensive Care Unit. Correspondance. Indian Journal of Pediatrics 2021 June; 88(6):627.
8. Ela Bhattacharya and D. Bhattacharya. A Review of Recent Deep Learning Models in COVID- 19 Diagnosis. European Journal of Engineering and Technology Research ISSN: 2736-576X. 2021; 6 (5):10-15
9. Ela Bhattacharya, Mohanchandra Mandal, Dipasri Bhattacharya. Effects of Microwave Radiation on Human Brain: The Positives and Negatives. European Journal of Engineering and Technology Research. 2021. Accepted
10. Shruti Kundu, Sankar Roy, Debajyoti Sur, Arunava Biswas. A comparative study on regional cerebral oxygen saturation and central venous oxygen saturation as predictors of outcome in patients on off-pump coronary artery bypass graft surgery. AJMS_13(2).
11. Priyanka Kumari, Arunava Biswas, Sankar Roy. A comparative study on haemodynamic effects of thiopentone and etomidate as induction agents in general anaesthesia. JCDR

Service Information:

1. ELECTIVE OT	:	G&O, SURGERY, SPECIAL SURGERY, EYE-ENT, ERCP, BRACHYTHERAPY OT, ORTHOPEDIC REDUCTION, TRAUMA, PAIN : TOTAL 36 TABLES.
2. EMERGENCY OT	:	5 TABLES (CONTINUOUSLY RUNNING)
3. NON COVID CCU	:	10 BEDS
4. COVID CCU	:	15 BEDS
5. PAC OPD	:	DAILY
6. PAIN OPD	:	TWICE WEEKLY

Department of Anatomy

Details of Faculties& Staffs

Name	Designation
• Dr. Bhaskar Pal	Professor & Head
• Dr. Arunabha Tapadar	Professor
• Dr.Alpana De	Professor (Retired)
• Dr. Maitreyee Mondal	Associate Professor
• Dr. Rudradev Meyur	Associate Professor
• Dr. Enakshi Ghosh	Associate Professor
• Dr. Alipta Bhattacharya	Associate Professor
• Dr.Anjana Dhur	Assistant Professor
• Dr. Moulik Debnath	Assistant Professor
• Dr. Sunandita Nath	Assistant Professor
• Dr. satarupa Paul Ghosh	Assistant Professor
• Dr. Saikat Dey	Assistant Professor
• Dr.Paramita Nag	Demonstrator
• Dr.Reshma Ghosh	Demonstrator
• Dr. Tanushree Roy	Demonstrator
• Dr. Shafaque Anjum	Post Graduates
• Dr. Gargi Barat	Post Graduates
• Mr.Tapas kumar Majumder	Medical Lab. Technologists
• Mr. Shyamal Das, G.Q.A	Group D Staffs
• Mr.Shambhu Mallick, Dome	Group D Staffs
• Mr.Panchu Mallick, Dome	Group D Staffs
• Mr. Mantu mallick, sweeper	Group D Staffs
• Mr. Dasarath Mallick, sweeper	Group D Staffs

Research work submitted as thesis topics/research ongoing in the sessions 2019-2022:

PG Trainee / Research scholar	Year	Guide(s)	Title
Dr. Shafaque Anjum	2020-2023	Dr.(Prof.)Bhaskar Pal.	Morphometric study of carrying angle in pre-pubertal & post-pubertal girls & its clinical implication.
DR. Gargi Barat	2020-2023	Dr. Rudradev Meyur. (Associate Professor)	Morphometric Study of Different foramina of dry mandible in adults.

Any other research activities including projects, research grants, collaboration with other institute, training, awards, medals, certificates etc.

Faculties	BCBMRC (NPTEL)	CISP	RBCW
Prof.(Dr)Bhaskar Pal.		Received	Received
Prof.(Dr)Arunabha Tapadar.	Received	Received	Received
Dr. Maitreyee Mondal.	Received	Received	Received
Dr.Rudradev Meyur.		Received	Received
Dr.Enakshi Ghosh.		Received	Received
Dr.Alipta Bhattcharya.	Received	Received,SEP,20	Received,JUNE,19
	Also received: <u>Introduction to Biostatistics</u>		
Dr.Anjana Dhur.		Received	Received
Dr.Moulik Debnath.		Received	
Dr.Sunandita Nath.	Received		
Dr.Satarupa Paul Ghosh.	Received		
Dr. Saikat Dey.	Received		
Dr.Paramita Nag.			
Dr.Reshma Ghosh.		Received,AUG,20	
Dr.Tanushree Roy.	Received	Received,AUG,20	

Presentation Of Scientific Paper /Conference/Seminars/Workshop/ Cmes/Meeting Etc.
Attended By Faculty Members, Pgts,Research Scholars And Scientists.

a.Scientific paper:

b.Conference:

Department of Anatomy, R.G.KAR MCH has organized The state conference of Anatomical Society of India, West Bengal(2020) chapter under the guidance of :

- Prof.(Dr) Alpana De,
- Prof.(Dr) Bhaskar Pal &
- Prof.(Dr) Pranab Mukherjee.

With Active participation of the other faculties :

- Dr.Anshuman Ray.
- Dr.Rudradev Meyur.
- Dr.Enakshi Ghosh .
- Dr.Anirban Sadhu.
- Dr.Sunandita Nath.
- Dr.Satarupa Paul Ghosh.
- Dr.Reshma Ghosh.
- DR.Tanushree Roy.

Others:

1.Dr.Sunandita Nath Attended platinum jubilee IMA Conference, topic : Current Affairs in Medical professional & Their management related seminars by Dumdum IMA.

2.Dr.Satarupa Paul Ghosh attended E-National Conference AVECON 2021, Organized by Deptt of Anatomy, TMMC&RC, Moradabad Uttar Pradesh under ASI(UP- Chapter)from 9-10th July 2021.

c.Seminars: Departmental seminars are conducted thrice in a month by postgraduates.

d.Workshop:

1.Dr.Saikat Kumar Dey .Epidemiology Workshop, Nov 26 2022, Sri Ramachandra Institute of Higher Education and.

e. CMEs:

1.Dr.Sunandita Nath:a. Blended learning in Anatomy: preparing for the Future by Wolters Kluwer

2.Dr.Satarupa Paul Ghosh attended:E-CME' Virtual Vs Explicit: Opportunities & Challenges',by AVECON- 2021, TMMC&RC, Moradabad Uttar Pradesh under ASI(UP- Chapter).

3. Saikat Kumar Dey: Attended

a.' Ten Maxims of Formative assesment' by JIPMER.

b. 'Body Donation,embalming& Cadaveric Dissection: Presevation in Covid Era' by MMIMSR,MMDU,MULLANA,AMBALA, HARYANA.

c. 'Building Heterogenicity in Research' by Aarupadai Veedu Medical College.

d. 'Promise & perils of online learning in Indian settings: three dimensional viewpoint' by MGMCRI,Puducherry.

e. Competency Based Medical Education (Anatomy) by MEU INDIA.

f. Webinar on chemical Neuroanatomy by Maharashtra medical council.

Publications (2019-2022)

Author's name	Title	Journal	Year
Dr. Maitreyee Mondal et al	1.A morpholomtric study of mandibular foramen & incidence of accessory mandibular foramen in dry adult human mandible & its clinical significance	Indian journal of Basic & applied Medical Research	2019, vol8 338-339
	2.Few cell type in APH Placenta	Indian journal of Scientific research	2021,vol10 22-23
	3.Variationsof normal ventricular incidences depending on ages and sex by computed tomography	Indian journal of Scientific research	
Dr.Enakshi Ghosh et al.	1.Effect of Diabetes Mellitus on Menopause in women of Kolkata,WB.		
	2.Effect of Single bout of exercise on heart rate variability in young healthy adults & its correlation with anthropometric parameters.		2021
Dr. Aipta Bhattacherya et al.	1.A study on the presumed etiological factors of retinopathy of prematurity in Kolkata,WB	Indian journal of Basic & applied Medical Research	2019 Vol9,Issue: I 332-340
	2.A background study on the knowledge & attitude of 1 st yr medical students regarding the procedural & organizational details of organ transplantation in eastern india.	Indian journal of Basic & applied Medical Research	2019 Vol9,Issue: I 315-326
	3.A study on the effect of systemic hypertension on retinal nerve fibre layer thickness in WB.	Journal Of The Indian Medical Association	2019 Vol117, Issue:04 14-17
	4.correlation between 2 nd & 4 th digit length ratio with height, body mass index & axial length of eyeball in adult population of Burdwan,WB.	Journal of Clinical & Diagnostic Research	2021 Vol15, Issue5 6-10
Dr.Sunandita Nath, & Dr.Satarupa Paul Ghosh et al	1.A prospective study on virtual Anatomy learning in a Mediacal college in Eastern part of India, During Pandemic.	Ongoin process	

Dr.Paramita Nag et al	1.Variations of coronoid process in adult human Mandible in Eastern Region of WB .	International Journal of Medical science & Current Research	2019 Vol2,Issue 6 38-44.
	2.Effect of Single bout of exercise on heart rate variability in young healthy adults & its correlation with anthropometric parameters		2021
	3.Biochemical & Clinical Variations among severe plasmodium vivax malaria cases: A prospective Study	International journal of M2018edical Research & Review	2018 Voi6, Issue07
Dr.Reshma Ghosh	1.vA study of cephalic index among the young age group of west Bengal in relation to sex & geographical factors.		
	2.A study of cephalic index among E beta thalassaemia patients.		

Service Information During The Period Of 2019-2022:

A.During Covid Period Telemedicine Duties Performed By The Faculties Are: (As Per Schedule Of Swastha Bhavan)

Dr.Paramita Nag,	Dr.Sunandita Nath,	Dr.Moulik Debnath
DR.Reshma Ghosh,	Dr.Anjana Dhur,	Dr.Shafaque Anjum
Dr.Tanushree Roy,	Dr. Satarupa paul Ghosh,	Dr. Gargi Barat.

b. Faculties name from the dept. of Anatomy for ICU Monitoring team (As per GO No.HFW-24099/98/2020/M/1091 Dated 27.08.2020 of director of Medical Education, Deptt. of H&FW Govt.of WB) **for CNCI & CMSDH Kamarhati.**

- Dr. Sunandita Nath,
- Dr.Reshma Ghosh
- Dr.Satarupa Paul Ghosh,
- Dr.Paramita Nag
- Dr.Anjana Dhur

Acted as an external examiners :

- Dr. Rudradev Meyur
- Dr.Maitreyee Mondal
- Dr. Enakshi Ghosh
- Dr.Anjana Dhur.
- Dr.Moulik Debnath.

Department of Biochemistry

NAME	DESIGNATION
• Prof. Dr. Jayanta De	Professor & Head Of The Department
• Dr. Amrita Mukherjee	Associate Professor
• Dr. Avijit Saha	Associate Professor
• Dr. Angshuman De	Associate Professor
• Dr. Sharmistha Choudhuri	Assistant Professor
• Dr. Pradipta Ghosh	Assistant Professor
• Dr. Neha Karar	Assistant Professor
• Dr. Nandita Hazra	Demonstrator
• Dr. Debleena Basu	Demonstrator
• Dr. Jaitra Bhattacharya	Demonstrator
• Dr. Ananya Saha	Demonstrator
• Dr. Amirullah Ali	Demonstrator
• Dr. Sudeshna Baral	Senior Resident
• Dr. Priyanka Mukherjee Maitra	Senior Resident
• Dr. Shilpa Barmecha	Senior Resident
• Dr. Saranya Biswas	Senior Resident
• Dr. Rima Rudra	Junior Resident
• Dr. Santanu Roy	Junior Resident
• Dr. Sumit Talukdar	Junior Resident
• Dr. Koushik Kumar Das	Junior Resident
• Dr. Abhishek Das Choudhury	Junior Resident
• Sovan Patra	Medical Laboratory Technologist
• Munmun Chowdhury	Medical Laboratory Technologist
• Damayanti Banerjee Ghosh	Medical Laboratory Technologist
• Debjyoti Adhikary	Medical Laboratory Technologist
• Sumit Kumar Mondal	Medical Laboratory Technologist
• Chiranjit Jana	Medical Laboratory Technologist
• Tumpa Halder	Medical Laboratory Technologist
• Abroo Nigar	Medical Laboratory Technologist
• Shyam Kanta Mahapatra	Group-D Staff
• Sadhan Chandra Ghorai	Group-D Staff
• Baby Das	Sweeper
• Raja Hela	Sweeper

Ongoing Thesis Work:

PG Trainee	Year	Guide (s)	Title
Dr. Rima Rudra	3 rd Year	Dr. Amrita Mukherjee Associate Professor, Dept. of Biochemistry, RGKMCH <u>Co Guides</u> 1. Dr.Sharmistha Choudhuri Assistant Professor, Dept. of Biochemistry, RGKMCH 2. Dr.Tulika Jha Assistant Professor, Dept. of Obstetrics & Gynaecology, RGKMCH	Analysis and correlation of panel of serum biomarkers with treatment outcome of epithelial ovarian cancer cases in a tertiary care hospital in West Bengal population.
Dr.Santanu Roy	3 rd Year	Dr.Avijit Saha Associate Professor, Dept. of Biochemistry, RGKMCH <u>Co Guides</u> 1. Dr.Sharmistha Choudhuri Assistant Professor, Dept. of Biochemistry, RGKMCH 2. Dr. Arup Kumar Dutta Associate Professor, Dept. of Neuromedicine, RGKMCH	Analysis of serum biomarkers with treatment outcome among patients with Ischaemic Cerebrovascular Accident in a tertiary care hospital, Kolkata.
Dr. Koushik Kumar Das	2 nd Year	Prof. Dr. Jayanta De Professor & Head, Dept. of Biochemistry, RGKMCH <u>Co Guides</u> 1. Dr.Tapabrata Guha Ray Associate Professor, Dept. of Community Medicine, RGKMCH 2. Dr.Jaitra Bhattacharya Demonstrator, Dept. of Biochemistry, RGKMCH	Evaluation of Vitamin D Status in apparently healthy pediatric and adult population of Kolkata, West Bengal.
Dr.Abhishek Das Choudhury	2 nd Year	Dr. Amrita Mukherjee Associate Professor, Dept. of Biochemistry, RGKMCH <u>Co Guides</u> 1. Dr.Pradipta Ghosh Assistant Professor, Dept. of Biochemistry, RGKMCH 2. Prof. Dr.Supriyo Basu Professor & Head, Dept. of Urology, RGKMCH	Establishment of age specific reference range of serum total prostate specific antigen (TPSA) level among bengali male population in a tertiary care hospital.
Dr.Sumit Talukdar	2 nd Year	Dr.Angshuman De Associate Professor, Dept. of Biochemistry, RGKMCH <u>Co Guides</u> 1. Dr.Anindya Das Assistant Professor, Dept. of Obstetrics & Gynaecology, RGKMCH 2. Dr. Ananya Saha Demonstrator, Dept. of Biochemistry, RGKMCH	Comparative Assessment of serum lipid profile in gestational hypertension cases with normotensive pregnant women and correlation with urinary protein creatinine ratio in a tertiary care hospital, Kolkata.

List of Publications:

Author's name	Title	Journal	Year	Vol no.	Page no.
Sudeshna Baral Srabani Biswas Biswajit Majumdar Sharmistha Choudhuri	Analysis and correlation of a panel of serum biomarkers with treatment outcome of ischemic heart disease in a tertiary care hospital of West Bengal	International Journal of Scientific Research	October 2021	10	1-5
Debleena Basu, Debashree Guha Adhya, Rupal Sinha, Nishant Chakravorty	Role of malonaldehyde as a surrogate biomarker for iron overload in the β -thalassemia patient: A systematic meta-analysis	Advances in Redox Research	2021	3	100017
Bhattacharyya S, Hazra AK, Chakraborty B, Sur TK, Saha A	Enumerate chlorogenic acid in different forms of by simple high performance thin layer chromatographic method	World J Adv Res Rev	2021	9(2)	120-126
Choudhuri S, Chowdhury IH, Saha A, Mitra B, Dastidar R, Roy RK	Acute monocyte pro inflammatory response predicts higher positive to negative acute phase reactants ratio and severe hemostatic derangement in dengue fever	Cytokines	2021	146	155644

Training Attended by Faculties:

Sl. No.	Name of Faculty	Details of Trainings Attended
1.	Prof. Dr. Jayanta De	<ul style="list-style-type: none"> Participated in Revised Basic Course Workshop (RBCW) from 1st to 3rd September 2021 and Curriculum Implementation Support Programme (CISP) from 17.8.2020 to 18.8.2020 at R G Kar Medical College under the supervision of Christian Medical College, Ludhiana, Punjab, Nodal Centre of National Medical Commission. Continuing Basic Course in Bio-medical Research Conducted by Indian Council of Medical Research (ICMR) and National Institute of Epidemiology (NIE).
2.	Dr. Amrita Mukherjee	<ul style="list-style-type: none"> Certification in Basic course in biomedical research in NPTEL 2020 December examination.
3.	Dr. Avijit Saha	<ul style="list-style-type: none"> Successfully completed Basic Course in Biomedical Research, conducted by ICMR-National Institute of Epidemiology, Chennai. Result declared in January 2021. Completed Curriculum Implementation Support Program (CISP II) training Participated in Revised Basic Course Workshop (RBCW) from 1st to 3rd September 2021 and Curriculum Implementation Support Programme (CISP) from 17.8.2020 to 18.8.2020 at R G Kar Medical College under the supervision of Christian Medical College, Ludhiana, Punjab, Nodal Centre of National Medical Commission.
	Dr. Angshuman De	<ul style="list-style-type: none"> Attended online training programme on Medical Laboratory Systems

		<p>and Internal Audit as per ISO 15189:2012 on 11.07.2020 & 12.07.2020 organised by Training and Capacity Building (TCB), Quality Council of India (QCI).</p> <ul style="list-style-type: none"> • Attended online training programme on IQC & EQAS in clinical labs on 9.5.2021, organised by 360 Diagnostic & health Services Pvt. Ltd.Noida. • Attended online training programme on six sigma on 10.5.2021, organised by 360 Diagnostic & health Services Pvt. Ltd.Noida. • Attended online training programme on Molecular techniques in clinical laboratory on 29.04.2020 & 30.04.2020, organised by 360 Diagnostic & health Services Pvt. Ltd.Noida. • Attended online course on Coronavirus Disease 2019 (issues on 21 March, 2020), organised by AACC Learning Lab for Laboratory Medicine. • Completed online Training on Basic Course in Biomedical Research (BCBR), organized by ICMR, NIE. • Attended online course on Infection Prevention and Control (IPC) for Novel Coronavirus (COVID-19), organized by WHO online resource on 1.5.2020. • Attended online course (OpenWHO) on “SARS-CoV-2 antigen rapid diagnostic testing, organized by WHO online resource.
5.	Dr. Sharmistha Choudhuri	Successfully completed Basic Course in Biomedical Research, conducted by ICMR-National Institute of Epidemiology, Chennai. Result declared in January 2021.
6.	Dr. Pradipta Ghosh	<ul style="list-style-type: none"> • Certification in Basic course in biomedical research in NPTEL 2020 December examination. • Curriculum Implementation Support Programme 2 (CISP2) from 17.8.2020 to 18.8.2020 at R.G.Kar Medical College, Kolkata through nodal centre (CMC Ludhiana). • Revised Basic Course Workshop (RBCW) from 1st to 3rd September 2021 at R.G.Kar Medical College, Kolkata under supervision of National Medical Commission, Nodal centre for faculty development, CMC Ludhiana.
7.	Dr. Debleena Basu	<ul style="list-style-type: none"> • Presently, pursuing Ph.D. in Indian Institute of Technology Kharagpur
8.	Dr. Jaitra Bhattacharya	<ul style="list-style-type: none"> • Successfully completed Basic Course in Biomedical Research, conducted by ICMR-National Institute of Epidemiology, Chennai. Result declared in January 2021.
9.	Dr. Ananya Saha	<ul style="list-style-type: none"> • Successfully completed Basic Course in Biomedical Research, conducted by ICMR-National Institute of Epidemiology, Chennai. Result declared in January 2021.

Conference /Seminar / CMEs / Workshop Attended:

Sl. No.	Name Of Faculty	Conference/Seminars/ Workshop/ CMEs
1	Dr. Avijit Saha	<ul style="list-style-type: none"> • Participated in the workshop for faculty development (CME) organized by National Medical Commission, Christian Medical College, Ludhiana at R.G. Kar Medical College, Kolkata from 1st to 3rd September 2021. • Participated in the annual national ACCLMP Conference as Panelist in August 2021.

		<ul style="list-style-type: none"> • Guest speaker in pre conference CME of 7th ACCLMPCON in March 21. • Participated as Resource person in QMS as per ISO 15189:2012 in September 21 organized by CAPP and in October 21 organised by 360 Diagnostic & health Services Pvt. Ltd. Noida.
2.	Dr. Angshuman De	<ul style="list-style-type: none"> • Attended online CME on Implementation of CBME concepts, concerns and challenges, organized by ELSEVIER on 20.8.2020. • Attended online CME on Specimen management guidelines in COVID times, organized by ACCLMP and BD on 14.8.2020. • Attended online masterclass in interpretative commenting on thyroid function test on 9.09.2020, organized by APFCB. • Attended online masterclass in interpretative commenting on Lipids and Lipoproteins on 24.03.2021, organized by APFCB. • Attended online masterclass in interpretative commenting on Calcium and Parathyroid Test on 13.01.2021, organized by APFCB. • Attended online masterclass in interpretative commenting on Diabetes testing on 28.04.2021, organized by APFCB. • Attended online masterclass in interpretative commenting on Cardiac Troponin on 19.05.2021, organized by APFCB. • Attended online masterclass in interpretative commenting on Serum Protein Electrophoresis on 25.08.2021, organized by APFCB. • Attended 6th Annual National Virtual CME & E-workshop: “A BAT’s view of Cancer: Perspective of the Clinical Biochemistry Laboratory (BAT=Biochemistry, Assays & Tumor)” on 28.08.2021 & 29.08.2021,
3.	Dr. Sharmistha Choudhuri	<ul style="list-style-type: none"> • Invited Guest speaker at ACCLMPCON 2021 held on 7th to 8th August 2021 • Participated as resource person in the Revised Basic Course Workshop (RBCW), held in RG Kar Medical College & Hospital, under supervision of National Medical Commission, Nodal Center for Faculty Development, Christian Medical College, Ludhiana from 01.09.2021 to 03.09.2021.
4.	Dr. Amirullah Ali	<ul style="list-style-type: none"> • Attended Pre conference ACCLMPCON 2021 titled 'Different aspect of laboratory medicine' on 14/3/2021

Webinars (attended by Dr. Rima Rudra and Dr. Santanu Roy):

1. Gene Therapy: 05/07/2021 to 06/07/2021
2. Regenerating Medicine and Stem Cell Therapy: 12/07/2021 to 13/07/2021
3. An approach towards implementation of IQC plan in a computer assisted medical laboratory confirmation: 28/08/2021
4. Principal and application of Flow Cytometry: 18/09/2021
5. Comprehensive autoimmune markers and neuroimmune markers and immunofluorescence microscopy: Interpretation and Implementation: 30/09/2021
6. Role of proficiency testing in laboratory quality assurance: 02/10/2021

Service Details: Department of Biochemistry – 2021

<u>Serum / Plasma</u>			<u>CSF & Others Fluids</u>		
	Glucose (Fluoride vial)		26	Glucose	6800
1	Fasting		27	Microprotein/Total Protein	5100
2	PP	59500	28	Chloride	5100
3	Random		29	ADA	5100
4	Urea	161500	<u>Urine (with preservative) if 24 hours</u>		
5	Creatinine	161500	30	Albumin / Creatinine	1700
6	Uric Acid	22100	31	Special Investigations	
7	CK	44200	32	S. Lipase (37°C)	86700
8	HbAc (EDTA)	15300	33	S. Amylase (37°C)	86700
9	Triglyceride	45900	34	S. LDH (IFCC 37°C)	102000
10	Total Cholesterol	45900	35	CK-MB	15300
11	HDL Cholesterol	45900	36	γ-GGT (IFCC 37°C)	1700
12	Total Protein	163200	37	Fl	49300
13	Albumin	163200	38	TSH	49300
14	Total Bilirubin	159800	39	LH	22100
15	Direct Bilirubin	159800	40	FSH	22100
16	ALT	159800	41	Prolactin	18700
17	AST	159800	42	Ferritin	13600
18	ALP	159800	43	CA-125	5100
19	Sodium	158100	44	CA-15.3	3400
20	Potassium	158100	45	PSA	3400
21	Chloride	44200	46	Vitamin D	8500
22	Calcium	40800	47	CA-19.9	1700
23	Magnesium	40800	48	β-HCG	3400
24	Phosphate	40800	49	CRP	119000
25	Osmolarity	680	50	RA Factor	37400
			51	CE A	1700

Department of Cardiology

1. Doctors, paramedical and other staffs in Department of Cardiology

Name	Designation
Faculty	
Prof.(Dr.) Kanak Kumar Mitra	Professor and HOD
Prof.(Dr). S Paul Chowdhury	Professor (Retired on 30.04.2021)
Dr.Biswajit Majumder	Associate Professor
Dr. Subrata Basu	Associate Professor on detailment
Dr.Lipika Adhikari	Associate Professor
Dr.Biswarup Sarkar	Assistant Professor
Dr. Manas Bhanja chowdhury	Assistant Professor
Dr.Subhra Aditya	Assistant Professor
Dr.Sougat Chakraborty	RMO cum Clinical Tutor
Dr.Shubhro Chakraborty	RMO cum Clinical Tutor
Dr.Manish Saha	RMO cum Clinical Tutor
Dr. Satanik Hazra	RMO cum Clinical Tutor
Dr. Shivesh Shanker Sahai	Asstt. Prof.(Medicine) on detailment
Dr.Tapabrata De	Senior Resident (post DM)
Dr.Palash Mondal	Senior Resident (post DM)
Dr.Shilanjana Roy	Senior Resident (post DM)
Dr. Prajjal Sinha	Senior Resident (post DM)
Dr. Rohit Kumar	Senior Resident (post DM)
Dr. Abhirup Sinha	Senior Resident (post DM)
Dr. Amrita Paul	Senior Resident (post DM)
Post Doctoral Trainee	
Dr. Sagarjyoti Roy	3 rd year
Dr Abhijit Borse	3 rd year
Dr. Ankit Gupta	3 rd year
Dr. Pallab Biswas	3 rd year
Dr. Dyanand Paswan	3 rd year
Dr. Abhijit Das	3 rd year
Dr. Krishanko Das	2 st year
Dr. Arunava Mitra	2 st year
Dr. Shibshankar Sarkar	2 st year
Dr. Niladri Ghosh	2 st year
Dr. Anindya Mondal	2 st year
Dr. Debashish Mohapatra	2 st year

1 st Year (6 PDTs)	Yet to come (Due to postponement of NEET – SS 2021)
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Name	Designation
Medical Technologist	
Sandip Chatterjee	Cathlab Technician
Sujoy Ghosh	Cathlab Technician
Gour Baidya	Cathlab Technician
Bappa Mondal	Cathlab Technician
Akash Dutta	Cathlab Technician
Debashis Das	Cathlab Technician
Ardhendu Purkait	Cathlab Technician
Tanmoy Mondal	Cathlab Technician
Dipak Naskar	Cathlab Technician
Siladitya Hazra	Cathlab Technician
Suparna singha	Cathlab Technician
Animesh Samanta	Cathlab Technician
Kartik Maity	2 nd year DCLT
Sarfaraj Ahammed	1 st year DCLT
Koyel Deb Chowdhury	1 st year DCLT
Trisha Chowdhury	1 st year DCLT
Ahana Sarkar	1 st year DCLT
Piyush Kanti Mondal	1 st year DCLT
Avijit Raha	ECG Technician
Ita Bhattacharya	ECG Technician
Partha Pratim Das.	ECG Technician
Somnath Sarkar	ECG Technician
Rickta Singha Saha	ECG Technician
Nibedita Pattanayak	ECG Technician
Sanjib Das	ECG Technician
Soma Halder	ECG Technician
Payel Das	ECG Technician
Subhojit Adhikary	ECG Technician
Kamalesh Bhakta	ECG Technician

Payel Dhara	1 st year DECT (ECG tech)
Abdur Rohim	1 st year DECT (ECG tech)
Imroj Ahamed	1 st year DECT (ECG tech)
Jayashree Biswas	1 st year DECT (ECG tech)
Hasina Khatun	1 st year DECT (ECG tech)
Marjina Khatun	1 st year DECT (ECG tech)
Tanaya Sarkar	1 st year DECT (ECG tech)
Kingshuk Roy	1 st year DECT (ECG tech)
Avijit Bhuniya.	1 st year DECT (ECG tech)
Koushik Mitra	2 nd year DECT (ECG Tech)
Hemanto Naskar.	2 nd year DECT (ECG Tech)
Sweta Dutta	2 nd year DECT (ECG Tech)
Mehedi Hassan	2 nd year DECT (ECG Tech)
Jesika Sultana	2 nd year DECT (ECG Tech)
Subhankar Samonta.	2 nd year DECT (ECG Tech)
Non medical Staff	
Arun Das	Group D
Alok Das	Group D
Amit Kumar Biswas	Group D
Abhijit Bhowmick	Group D
Bimal Kumar Sapui	Group D
Jogesh Nandy	Group D
Moinuddin	Group D
Nemai Chandra Das	Group D
Ramkrishna Chakraborty	Group D
Ram Saran Mondal	Group D
Sambhu Kamti	Group D
Shyamal Chakraborty	Group D
Deb Kumari RamUrmila Mahato	Group D
Bijoy Hela	Group D
Ramesh Hela	Group D
Raja Das	Group D
Tapan Sadhukhan	Clerk

2. Research work submitted as thesis topics/research on going in the session 2019-2022

PG Trainee(PDT)	Year	Guide(s)	Title
Dr Tirthankar Roy	2018-2021	Dr K .K Mitra	Prognostic significance of Left Atrial Volume Index by echocardiography in acute myocardial Infarction
Dr Manishankar Pandey	2018-2021	Dr K.K Mitra	Assessment of Left Atrial function by Tissue Doppler Strain Imaging in mitral stenosis before and after BMV
Dr Avirup Sinha	2018-2021	Dr Sankar Paul Chowdhury	A study to observe the effects of Pregnancy Induced Hypertension & Preeclampsia on Left Ventricular Function by Echocardiography
Dr Amrita Paul	2018-2021	Dr Sankar Paul Chowdhury	Global Longitudinal Strain as a predictor of cardiotoxicity in breast cancer patients receiving Anthracycline and/or Trastuzumab treatment in a tertiary care centre in Eastern India
Dr Lina Mukherjee	2018-2021	Dr Biswajit Majumder	Role of Speckle Tracking Echocardiography in detecting early LA dysfunction in hypertensive patients with normal LA diamensions .
Dr Rohit Kumar	2018-2021	Dr Biswajit Majumder	Echocardiographic assessment of Right Ventricular function In patients with COPD
Dr Prajnal Sinha	2017-2020	Dr Biswajit Majumder	Assessment of serum paraoxonase levels in dyslipidemic patients before and after therapy with lipid lowering agents in a tertiary care hospital in Eastern India
Dr Ajinkya Mahorkar	2017-2020	Dr K .K Mitra	Baseline haemoglobin and creatinine clearance as a prognostic indicator for patients of Acute ST Elevation Myocardial Infarction undergoing percutaneous coronary intervention.
Dr Palash Mondal	2016-2019	Dr K .K Mitra	The study of wrist circumference as a novel predictor of coronary artery disease and metabolic syndrome
Dr Tapobrato De	2016-2019	Dr K .K Mitra	Early non-invasive predictors of significant left main or TVD in patient with NSTEACS
Dr Abhay Nath Chaturvedi	2016-2019	Dr Sankar Paul Chowdhury	A clinical and echocardiographic assessment of right ventricular

			function in inferior wall myocardial infarction patients and it's angiographic correlation to right coronary artery stenosis.
Dr Manish Saha	2016-2019	Dr Sankar Paul Chowdhury	Natural history of ST segment elevation myocardial infarction with total occlusion of infarct related artery during six month follow up with optimum medical therapy-
Dr. Pritam Chatterjee	2016-2019	Dr Biswajit Majumder	A study of angiotensin neprilysin inhibitor versus enalapril in heart failure with reduced ejection fraction in a tertiary care hospital in Kolkata
Dr. Sagarjyoti Roy	2019-2022	Dr K K Mitra	Echocardiographic assessment right ventricular function & post Percutaneous transvenous mitral commissurotomy & its correlation with pulmonary arterial hypertension.
Dr Abhijit Borse	2019-2022	Dr K K Mitra	Novel ECG changes in acute coronary syndrome and its correlation with STEMI equivalents
Dr. Ankit Gupta	2019-2022	Dr S Paul Chowdhury	Correlation between mitral annular plane systolic excursion & global LV strain in patients of left ventricular systolic dysfunction.
Dr. Pallab Biswas	2019-2022	Dr B Majumder	Study of right ventricular strain imaging in patients of acute inferior wall myocardial infarction in a tertiary care hospital in eastern India.
Dr. Dyanand Paswan	2019-2022	Dr S Paul Chowdhury	Study on duration of early systolic lengthening in patient of NSTEMI-ACS.
Dr. Abhijit Das	2019-2022	Dr L Adhikary	Echocardiographic assessment of atrial function in acute coronary syndrome.
Dr. Krishanko Das	2020-2023	Dr K K Mitra	A study of left ventricular global longitudinal strain in asymptomatic aortic stenosis in a tertiary care centre.
Dr. Arunava Mitra	2020-2023	Dr L Adhikary	Echocardiographic evaluation of cardiac function in post covid patients attending a tertiary care hospital
Dr. Shibshankar Sarkar	2020-2023	Dr B Majumder	A study of Coronary angiographic profile in patients undergoing permanent pacemaker implantation for symptomatic bradyarrhythmias.
Dr. Niladri Ghosh	2020-2023	Dr L Adhikary	Clinico-Epidemiological & Coronary angiographical profile of pre-menopausal women with Acute Coronary Syndrome in a tertiary Care hospital: an observational

Dr. Anindya Mondal	2020-2023	Dr B Majumder	study. Assessment of right ventricular function by echocardiography before and after percutaneous coronary intervention in cases of acute anterior ST – Segment elevation myocardial infarction.
Dr. Debashish Mohapatra	2020-2023	Dr K K Mitra	Transesophageal echocardiographic evaluation of atherosclerosis in coronary arteries and thoracic aorta; & its angiographic correlation with coronary artery disease.

3. Faculty of Department- Prof Dr Kanak Kumar Mitra, Prof dr S paul Chowdhury, Dr Biswajit Majumder & Dr Lipika Adhikary participated as speaker, moderator and chairperson in different state and National level conferences.

4. Publication from the department in the session 2019-2022 in the following format:

AUTHORS NAME	TITLE	JOURNAL	YEAR	VOLUME NUMBER	PAGE NO
Dr K .K Mitra	Unusual presentation of Takayashu 's arteritis	Indian Heart Journal	2019	589	
Dr K .K Mitra	Study of serum vitamin d in STEMI patients in a tertiary care centre	losr Journal of Dental and Medical Sciences	2019	18	62-71
Dr K .K Mitra	Arrhythmia of rare etiology	World Journal of pharmaceutical and medical research	2020	6	91-92
Dr K .K Mitra	Percutaneous transluminal coronary angioplasty in a covid 19 positive patient with dextrocardia	Journal of the Indian Medical Association	2021	119	70-71
Biswajit Majumder	Pattern of acute MI admissions in India during covid 19 era :a Cardiological society of India study - Rationale and Design	Indian Heart Journal	2021	73	
Biswajit Majumder	Echocardiographic profile of ventricular septal defect among children attending tertiary care teaching institutions. A descriptive study	International Journal of Anatomy Radiology and Surgery	2020	9	01-04

Biswajit Majumder	To determine the role of Ranolazine for rhythm control strategy in patients with non- valvular atrial fibrillation- an observational study from a tertiary care centre	Global journal for research analysis	2020	9	01-06
Biswarup Sarkar	Familial hypercholesterolemia: Improving outcomes with newer agents	American Journal of Internal Medicine	2020	8(6)	279-284
Biswarup Sarkar	Evaluation of diastolic dysfunction in children with asymptomatic beta thalassemia major and its correlation with serum ferritin	Global journal for research analysis	2021	10	05-09
Biswarup Sarkar	Echocardiographic evaluation of left atril and left atrial appendage function in atrial fibrillation	Journal of Medical Science and Clinical Research	2020	08	130-135
Biswarup Sarkar	A study of the classic ECG criteria to diagnose left ventricular hypertrophy in hypertensive subjects and evaluation of a new score	International Journal of Medical Research	2020	10	
Dr Sivesh Sahai	To evaluate the platelet function in patients of Acute Coronary Symptom receiving dual antiplatelet therapy	International journal of Scientific Research	2021	10	01-03

5. Service from Department of Cardiology

Interventions done in two Cath labs	2019	2020 (on going pandemic)	2021 till 30/9/21 (on going pandemic)
PTCA	726	436	433
Primary PCI	26	12	0
Peripheral plasty	6	0	6
valvuloplasty	56	16	27
Device (PPM+ICD)	277	454	291
Device closure	1	3	4

- ECHO Doppler study - Approximately 24000 every year for last 3 years (indoor and outdoor)
- Emergency intervention -approximately - yearly pericardiocentesis- 80 , TPM- yearly 500.
- OPD services- approximately 57000 per year approximately

- Referral services- approximately 6000 referral services given to other departments of R G Kar Medical College in every year.
- Standard protocol based health care to 104 indoor patients including 12 ICCU. Around 3500 indoor patients being treated annually amidst Covid pandemic. Cardiology Isolation ward and strict Covid protocol maintained during treatment of all indoor patients.
- **Academic Services:**
 - 1) **Providing highest quality of hands-on professional training to 18 DM PDTs, SMF run DCLT & Diploma in ECG students, MD Medicine, DNB Medicine (on rotational basis).**

Department of Community Medicine

Name

- Dr. Jadab Chandra Sardar
- Dr. Tapobrata Guha Ray
- Dr. Narendra Tiwari (Statistics)
- Dr. Sumanta Saha
- Dr. Paramita Sarkar
- Dr. Swarnanka Chakraborty
- Dr. Abantika Bagchi
- Dr. Rajesh Kumar Dalal
- Dr. Swagatendra Narayan Basu
- Dr. Sayeli Mitra
- Dr. Suchetana Bhattacharyya
- Dr. Inba Raja A
- Dr. Sourav Kumar Pattanayak
- Dr. Arnab Sarkar
- Dr. Archita Bhattacharya
- Dr. Manisha das

Designation

Professor & Head
Associate Professor
Assistant Professor
Demonstrator
PGT (2018-2019)
PGT (2018-2019)
PGT (2018-2019)
PGT (2018-2019)
PGT (2019-2020)
PGT (2019-2020)
PGT (2019-2020)
PGT (2019-2020)
PGT (2020-2021)
PGT (2020-2021)
PGT (2020-2021)
PGT (2020-2021)

Dr. Jadab Chandra Sardar, HOD, Dept. of Community Medicine

Academic achievements/activities	Description
<ul style="list-style-type: none">• Projects undertaken, research grant received, research activities in collaboration with other institute	Worked as guide of U.G and P.G students in various project works
<ul style="list-style-type: none">• Training received	CISP II, RBCW
<ul style="list-style-type: none">• Workshop attended	IDSP, Research Methodology, Workshop on Malaria & Dengue
<ul style="list-style-type: none">• Award, medals, certificates received	Nothing Significant

Publications:

Title of the article	Journal	Year	Vol	Page
A study on Risk Factors of Diabetes Mellitus Among Workers of A medical College of Kolkata, India	IOSR-Journal of Dental and Medical Science	2019	18	42 -46
Patient Profile and Treatment Outcome in a Tuberculosis unit in Kolkata, West Bengal	International Journal of Community Medicine and Public Health	2020	7	1119
Mental Health Status of Sailors of Haldia dock Complex West Bengal	International Journal of Research and Review	2020	7	317 - 321
Profile of Animal bites And Treatment Seeking Behaviour Of victims in A rural Community Of west Bengal	International journal of Scientific Research	2020	9 (1)	1-2
Morbidity Profile of Sailors Working at Haldia dock Complex of West Bengal	International journal of Scientific Research	2020	9 (2)	4-5
Knowledge Attitude And Behaviour About Animal bite And its Management to Prevent Rabies a Cross Sectional Descriptive Study in a Rural Community of west Bengal	International Journal of Scientific Research	2020	9 (2)	47-48
Feeding Practice And Nutritional Status of Under five Children a Cross Sectional Descriptive Study in a Slum Community Of West Bengal	International Journal of Research and Review	2021	8(2)	197-203
Knowledge of OPD attendees at ICTC centres regarding HIV/AIDS at a tertiary care centre of Kolkata	IOSR-Journal of Dental and Medical Science	2021	20	55 -58
Nutritional status and morbidity profile of under – 5 children: a cross-sectional study in a slum community of West Bengal	IOSR-Journal of Dental and Medical Science	2021	20	13 -16

Training and workshop attended by Dr. Tapobrata Guha Ray since 2019:

Sl. No.	Training or Workshop	Organized by	Role
1	Revised basic course workshop	R.G.Kar Medical College	Participant
2	Fundamentals of nursing research	College of Nursing, R.G.Kar Medical College and Hospital	Facilitator
3	Short course on learning R software	Department of Biostatistics, AIHH&PH	Participant
4	Qualitative research methodology	Indian Public Health Association	Participant
5	Biomedical research ethics	FMES' HEaL Institute for Training, Research & Advocacy, Mumbai	Participant

Dr Rivu Basu, Assistant Professor:**Research Grants**

Position	Topic	Funding Agency	Year
Principal Investigator	Integrated Management of risk factors of non communicable diseases amongst junior residents of community medicine	WNCD Federation	2021
Co Investigator	Evaluation of Prescription Patterns of Drugs for Diarrhoeal diseases and Acute Respiratory infections in Medicine and Pediatrics OPDs of Tertiary Care hospitals in West Bengal, India	ICMR	2019
Co Investigator	A Study to Assess the Effectiveness of Integrated Training (IT) Programme on Notification of Tuberculosis(TB) cases to RNTCP by Registered Allopathic General Private Practitioners of Kolkata	RNTCP	2019

Organisation of Academic activities:

Workshop	Event	Year
e-Workshop on Economic Evaluation of Healthcare	IPHA	2021
e-Workshop on Zotero	JIPMER, Puducherry	2021
e-symposium on World Health Day	IPHA	2020
e-symposium on World Population Day	IPHA	2020
e-Workshop on Public Health Leadership	IPHA	2020
e-Workshop on Psychometrics	IPHA	2020
e-symposium on COVID control	IPHA	2020
National Level Quiz	AIIMS, New Delhi	2020
Research Methodology in Nursing Sciences	R G Kar Medical College	2020, 2021
Workshop on Qualitative Research	IPHA	2020
Zotero Workshop	R G Kar Medical College	2019
CME on MCH Updates	CNMC	2019

Invited Lectures:

Topic	Event	Year
e-workshop on Operations Research	PGIMER, Chandigarh	2021
Occupational Health Problems of Anesthetists	IAPA	2021
Career progression of Public Health Professionals	NSHM University	2020
Qualitative Research	IPHA	2020

Nursing Research	IPHA	2020, 2021
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Publication in Books:

Title of Book	Publisher
The Man and The Machine: Humankind's fight with Computers	Scholar Press
Chapter on Health Management in IAPSM Textbook of Community Medicine	Jaypee

Awards:

Award	Place	Scope, Year
P C Sen award for best paper on Rural Community Health	IPHACON, JIPMER	National, 2021
Presidential appreciation award	IPHACON, JIPMER	National, 2021

Papers presented:

Paper	Place	Year
Psychological profile of multi drug resistance TB patients: A qualitative study from a Tertiary care Centre of Kolkata	IAPSMCON 2020	Chennai
Ocular Problems among Video Display Terminal Users in a Software Company of Sector V, Kolkata.	IAPSMCON 2020	Chennai
A system analysis of RNTCP in West Bengal	IAPSMCON 2020	Chennai
COVID control through the lenses of Behavioral Economics	IHEPA 2021	Bangalore
Lessons from filarial control programme of West Bengal	IHEPA 2020	Bhubaneswar

Journal Publications:

Title	Authors	Publication	Volume	Number	Pages	Year	Publisher
Family planning practices in couples with children affected by β^2 -thalassemia major and its relationship with their education: An epidemiological study	Biswas, Bijit; Basu, Keya; Naskar, Narendra Nath; Dasgupta, Aparajita; Paul, Bobby; Basu, Rivu;	Journal of education and health promotion	8			2019	Wolters Kluwer-- Medknow Publications
Malnutrition, its attributes, and impact on quality of life: an epidemiological study among β^2 -thalassemia Major Children	Biswas, Bijit; Naskar, Narendra Nath; Basu, Keya; Dasgupta, Aparajita; Basu, Rivu; Paul, Bobby;	Korean journal of family medicine	42	1	66	2021	Korean Academy of Family Medicine

Care-related quality of life of caregivers of beta-thalassemia major children: An epidemiological study in eastern India	Biswas, Bijit; Naskar, Narendra Nath; Basu, Keya; Dasgupta, Aparajita; Basu, Rivu; Paul, Bobby;	Journal of Epidemiology and Global Health	10	2	168	2020	Atlantis Press
A cross-sectional study exploring disease characteristics and phylogenetic nature of human cytomegalovirus among infected neonates with congenital nephrotic syndrome	Chatterjee, Aroni; Mukherjee, Sumit; Basu, Biswanath; Roy, Debsopan; Basu, Rivu; Ghosh, Hiya; Bhattacharya, Mala; Chakraborty, Nilanjan;	Pediatric Nephrology			10-Jan	2020	Springer Berlin Heidelberg
Attitude towards adherence to long term therapy.	Sarkar, Paramita; Bagchi, Abantika; Sarkar, Dipanwita; Dalal, Rajesh K; Chakrabarty, Swarnanka; Basu, Rivu;	Indian Journal of Community Health	32	1		2020	
Health seeking behavior of β^0 -thalassemia major children and its attributes: An epidemiological study in Eastern India	Biswas, Bijit; Naskar, Narendra Nath; Basu, Keya; Dasgupta, Aparajita; Basu, Rivu; Paul, Bobby;	Journal of Family Medicine and Primary Care	9	7	3586	2020	Wolters Kluwer-- Medknow Publications
Knowledge, attitude and practice towards mental health illnesses in an urban community in West Bengal: a community based study	Bagchi, Abantika; Sarkar, Paramita; Basu, Rivu;	International journal of community medicine and public health (Gujarat)	7	3	1078-1083	2020	Medip Academy
Insight into the distinctive paradigm of Human Cytomegalovirus associated intrahepatic and extrahepatic	Chatterjee, Aroni; Mukherjee, Sumit; Basu, Biswanath; Roy, Debsopan;	Scientific reports	10	1	16-Jan	2020	Nature Publishing Group

cholestasis in neonates	Basu, Rivu; Ghosh, Hiya; Mishra, Lopamudra; Bhattacharya, Mala; Chakraborty, Nilanjan;						
IAPSM's Textbook of Community Medicine	Kadri, AM;					2019	Jaypee Brothers Medical Publishers
Knowledge and attitude of obstructive sleep apnoea among junior doctors	Banerjee, Suman; Kundu, Susmita; Basu, Rivu;					2020	Eur Respiratory Soc
COVID Control in India: A Look Back	Basu, Rivu;	Journal of Comprehensive Health	8	2	129-131	2020	
Ocular Problems among Video Display Terminal Users in a Software Company of Sector V, Kolkata.	Basu, Rivu; Dasgupta, Aprajita;	Indian Journal of Community Health	32	4		2020	
Psychological profile of multi drug resistance TB patients: A qualitative study from a Tertiary care Centre of Kolkata	Kundu, Susmita; Basu, Rivu; Sarkar, Sarmistha; Nath, Saswati; Biswas, Debabani;	Journal of Family Medicine and Primary Care	10	1	392	2021	Wolters Kluwer-- Medknow Publications
Chronic Pain and Depression: A Community Based Study in a Rural Area of West Bengal	Niladri Banerjee, Rajesh DE, Rivu Basu;	Journal of Clinical and Diagnostic Research	15	3	VC17-VC20	2021	Journal of Clinical and Diagnostic Research, India.
Knowledge of OPD Attendees at ICTC centre regarding HIV/AIDS at a Tertiary Care Centre of Kolkata	Sardar, Jadab Chandra; Basu, Rivu; Sengupta, Prajjal; De, Rajesh;	IOSR Journal of Dental and Medical Sciences (IOSR-JDMS)	20	2	55-58	2021	
Pattern of Prescription Practices in Acute Respiratory Infection and Diarrhoea Cases in Out Patient Department of Tertiary Care Hospitals in West Bengal, India; A	Chakraborty, Debjit; Debnath, Falguni; Kanungo, Suman; Chakraborty, Nabanita; Basu, Rivu; Das, Palash; Datta,					2021	

Cross Sectional Analysis through Rational Use of Medicine Consensus Approach	Kalpana; Ganguly, Suman; Banerjee, Prithwjit; Dutta, Shanta;						
Food consumption patterns of the urban adult population in the field practice area of a teaching hospital in Kolkata, using food frequency questionnaire	Sarkar, Paramita; Mitra, Sayeli; Basu, Rivu;	Journal of Family Medicine and Primary Care	10	9	3395-3400	2021	Medknow

Dr. Narendra Kumar Tiwary, Asst. Prof (Statistics),Community Medicine

Publications:

1. Antioxidant status of children with idiopathic nephrotic syndrome; Om P. Mishra & Aditya K. Gupta & Rajniti Prasad & Zileadar Ali & Ram S. Upadhyay & Surendra P. Mishra & **Narendra K. Tiwary** & Franz S. Schaefer; Pediatric Nephrology Volume 26, Number 2, 251-256, DOI: 10.1007/s00467-010-1696-6
2. Peritoneal dialysis in children with acute kidney injury: a developing country experience Om P. Mishra, Aditya K. Gupta, Vishal Pooniya, Rajniti Prasad, **Narendra K. Tiwary**, and Franz Schaefer; Peritoneal Dialysis International, Vol. 32, pp. 431–436 .
3. Does using a high sun protection factor sunscreen on face, along with physical photoprotection advice, in patients with melasma, change serum vitamin D concentration in Indian conditions? A pragmatic pretest-posttest study; Sanjay Singh, Bandana Jha, **Narendra Kumar Tiwary**, Neeraj Kumar Agrawal; DOI: 10.4103/ijdv.IJDVL_575_17 PMID: 30409925.
4. Prevalence of depression & anxiety among children in rural and suburban areas of eastern Uttar Pradesh: A cross sectional study; Shailendra Mishra Mona Srivastava, **Narendra K Tiwary**, Abhinav Kumar; Journal of Family Med Prim care 2018;7:21-6
5. Assessment of knowledge, awareness and attitude regarding fever and mosquito-borne illnesses among secondary and senior secondary school students of rural area of kannauj district in up, north india; Nitu Nigam **Narendra Kumar Tiwary** Monica Agrawal et.al Journal of Evidence Based Medicine and Healthcare; 2019;6(19)
6. Reasons for missed chemotherapy appointments in retinoblastoma patients at a tertiary centre in india; Aditya Kumar Gupta, Jagdish Prasad Meena, Abdul Wajid M, Debasish Sahoo, **Narendra Tiwary**, Rachna Seth; Pediatric Hematology Oncology Journal 4 (2019) S12eS20
7. Influence of health warnings present on cigarette packets, on motivation to quit smoking, among smokers in a slum of Kolkata; Rajesh Kumar Dalal, Dipanwita Sarkar, **Narendra Kumar Tiwary**; Int J Community Med Public Health. 2020 Feb;7(2):652-658

8. Covid-19 as an independent risk factor for subclinical placental dysfunction; Jaiswal N, Puri M, Agarwal K, Singh S, Yadav R, **Tiwary N**, Tayal P, Vats B; European journal of Obs. & Gyn. & reproductive biology 2021;259(7-11)
9. Family planning practices & prehospital care received by women seeking abortion services in a tertiary care hospital; Upasana Deb, **Narendra K Tiwary**; Int J Community Med Public Health. 2021 May;8(5):2239-2244

Dr. Sumanta Saha, Demonstrator, Department of Community Medicine

Academic achievements/activities	Description
Projects undertaken, research grant received, research activities in collaboration with other institute	NA
Training received	NA
Workshop attended	NA
Award, medals, certificates received	NA

Publications:

Title of the article	Journal	Year	Volume	Page
Prevalence of Gestational Diabetes Mellitus in the Middle East and North Africa, 2000-2019: A Systematic Review, Meta-Analysis, and Meta-Regression.	Frontiers in Endocrinology	2021	12	-
Impact of cardiac rehabilitation on mortality and morbidity in diabetic versus non-diabetic patients: protocol for a systematic review and meta-analysis	BMJ Open	2021	11	e047134
Diabetes prevalence and mortality in COVID-19 patients: a systematic review, meta-analysis, and meta-regression	Journal of Diabetes & Metabolic Disorders	2021	20	939-950
A systematic review and meta-analysis of the efficacy and safety of remdesivir in COVID-19 patients	Journal of Ideas in Health	2021	4	298-303
Changes in anthropometric and blood 25-hydroxyvitamin D measurements in antenatal vitamin supplemented gestational diabetes mellitus patients: a systematic review and meta-analysis of randomized controlled trials	Journal of the Turkish German Gynecological Association	2021	22	217-234
Epidemiological burden of parents being the index cases of COVID-19 infected children.	World journal of Methodology	2021	11	1-14

The impact of the undetected COVID-19 cases on its transmission dynamics	Indian Journal of Pure and Applied Mathematics	2021	-	-
Impact of missingness on clinical trials on the effectiveness of antenatal vitamin D supplementation in gestational diabetes mellitus patients	Journal of Ideas in Health	2020	3	138-139
A Systematic Review and Meta-Analysis of Randomized Controlled Trials Comparing the Safety of Dapagliflozin in Type 1 Diabetes Patients	Iranian Journal of Health Sciences	2020	8	-
The comparison of efficacy and safety between different doses of empagliflozin in insulin-treated type 1 diabetes mellitus patients: a systematic review and meta-analysis protocol.	Journal of Diabetes and Metabolic Disorders	2020	19	545-550
A Comparison of Apgar Scores and Changes in the Neonates of Gestational Diabetes Mellitus Patients Treated with Metformin versus Glyburide: A Systematic Review	Dubai Diabetes and Endocrinology Journal	2020	26	21-26
A comparison of the risk of cesarean section in gestational diabetes mellitus patients supplemented antenatally with vitamin D containing supplements versus placebo: A systematic review and meta-analysis of double-blinded randomized controlled trials	Journal of the Turkish German Gynecological Association	2020	21	201-212
Obstetric and neonatal outcomes in vitamin D supplemented gestational diabetes mellitus patients: an abridgment of systematic reviews	AIMS Medical Science	2020	7	298-300
A Comparison of the Changes in Gestational Weight, Body Mass Index, and Serum Vitamin D Level in Gestational Diabetes Mellitus Patients Complemented with Vitamin D in Contrast to Those Who Did Not Receive the Supplement: A Protocol for Systematic Review a	International Journal of Diabetes and Metabolism	2019	25	74-79
A comparison of the morbidities associated with different early treatments in tubo-ovarian abscess patients.	Gynecology Obstetrics & Reproductive Medicine	2020		1-8
The risk of morbidities in newborns of antenatal vitamin D supplemented gestational diabetes mellitus patients.	International journal of health sciences	2020	14	3-17
A juxtaposition of safety outcomes between various doses of sodium-glucose co-transporter inhibitors, in insulin-treated type-1 diabetes mellitus patients: a protocol for systematic review and meta-analysis of randomized controlled trials	Journal of Ideas in Health	2020	3	167-172

Parainfluenza Virus Infection in an Australian Community-based Birth Cohort.	The Pediatric infectious disease journal	2020	39	e284-e287
The prevalence and risk of missing outcome data in prenatal vitamin D supplemented gestational diabetes mellitus patients: a systematic review and meta-analysis protocol	Journal of Ideas in Health	2020	3	217-221
Shoulder joint mobility in patients with primary adhesive capsulitis after treatment with continuous mode of ultrasound: A systematic review of randomized controlled trials.	Medical journal of the Islamic Republic of Iran	2019	33	144
A Systematic Review and Meta-Analysis of Randomised Controlled Trials, Contrasting the Safety Profile between Sodium-Glucose Cotransporter-2 Inhibitors and Placebo in Type 1 Diabetes Mellitus Patients	International Journal of Diabetes and Metabolism	2019	25	62-73
An Appraisal of a Systematic Review and Meta-Analysis of Randomized Clinical Trials on the Efficacy and Safety of Sodium-Glucose Cotransporter-2 Inhibitors as an Adjunct to Insulin Therapy in Type 1 Diabetes Patients	International Journal of Diabetes and Metabolism	2019	25	162-162

Thesis topic of Post Graduate Trainees:

PGT	Year	Guides	Title
Dr. Sourav Kumar Pattanayak	2020-2021	Dr. Tapobrata Guharay Dr. Prajjwal Sengupta	Risk factors and awareness about non-communicable diseases among adolescents: a school based study in rural and urban areas of West Bengal
Dr. Arnab Sarkar	2020-2021	Dr. Jadab Chandra Sardar Dr. Narendra Kumar Tiwary	Health problems of beedi workers in a sub-division of Murshidabad district, West Bengal
Dr. Archita Bhattacharya	2020-2021	Dr. Jadab Chandra Sardar Dr. Anamika Chatterjee	Health problems of mothers having under five children in a slum of Kolkata
Dr. Manisha Das	2020-2021	Dr. Amrita Samanta Dr. Rivu Basu	Occupational hazards and health problems of agricultural workers in a rural area of Nadia district of West Bengal

Other Research Activities:

PGT	Research Title
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Dr. Sourav Kumar Pattanayak	<ul style="list-style-type: none"> ➤ Contribution of geriatric people in the society and related factors: A cross-sectional study in a rural block of West Bengal ➤ Validation of a questionnaire on Problematic Use of smart phones among a Rural Population of West Bengal ➤ Anxiety and loneliness among undergraduate medical students of a teaching institute in Kolkata during COVID-19 pandemic ➤ Coverage of COVID-19 Vaccine among Students of a Teaching Institute in Kolkata ➤ Effect of Health Education measures on self-care activities and drug adherence among patients with diabetes mellitus in a rural area of West Bengal: A Quasi-Experimental Study ➤ Exploring nicotine dependence in a block of West Bengal: An Ordinal Regression model
Dr. Arnab Sarkar	<ul style="list-style-type: none"> ➤ Contribution of geriatric people in the society and related factors: A cross-sectional study in a rural block of West Bengal ➤ Validation of a questionnaire on Problematic Use of smart phones among a Rural Population of West Bengal ➤ COVID 19 vaccine hesitancy among residents of an urban field practice area: a cross sectional survey ➤ Covid 19 Vaccine Hesitancy among the Tribal Population of a Block in Murshidabad District, West Bengal ➤ Sociodemographic and clinical profile of drug resistant tuberculosis patients in a tertiary centre of Kolkata
Dr. Archita Bhattacharya	<ul style="list-style-type: none"> ➤ Contribution of geriatric people in the society and related factors: A cross-sectional study in a rural block of West Bengal ➤ Validation of a questionnaire on Problematic Use of smart phones among a Rural Population of West Bengal ➤ Perception and Practices of Covid Appropriate Behaviour: A Cross Sectional Study among Adult Populations in Rural and Urban West Bengal ➤ Perception among Undergraduate Students about Online Teaching in a Government Medical College of West Bengal. ➤ Sociodemographic and clinical profile of drug resistant tuberculosis patients in a tertiary centre of Kolkata ➤ Profile of patients having HIV/AIDS and their drug adherence attending a Tertiary Care Centre in Kolkata ➤ COVID19 breakthrough infections after vaccination in undergraduate students of a medical college in Kolkata

Dr. Manisha das	<ul style="list-style-type: none"> ➤ Contribution of geriatric people in the society and related factors: A cross-sectional study in a rural block of West Bengal ➤ Validation of a questionnaire on Problematic Use of smart phones among a Rural Population of West Bengal ➤ Perception and practices of COVID appropriate behavior: A cross sectional study among adult populations in rural and urban West Bengal ➤ Perceived barriers inhibiting doctors from working in rural areas in West Bengal: Development of a study tool ➤ COVID19 breakthrough infections after vaccination in undergraduate students of a medical college in Kolkata
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Scientific Paper Presented in Conference:

PGT	Conference	Research title
Dr. Sourav Kumar Pattanayak	IAPSMCON 2021	➤ Anxiety and loneliness among undergraduate medical students of a teaching institute in Kolkata during COVID-19 pandemic
	IAPSMCON WB State Chapter 2021	<ul style="list-style-type: none"> ➤ Coverage of COVID-19 Vaccine among Students of a Teaching Institute in Kolkata ➤ Exploring nicotine dependence in a block of West Bengal: An Ordinal Regression model
Dr. Arnab Sarkar	IAPSMCON 2021	➤ Sociodemographic and clinical profile of drug resistant tuberculosis patients in a tertiary centre of Kolkata
	IPHACON 2021	➤ Covid 19 Vaccine Hesitancy among the Tribal Population of a Block in Murshidabad District, West Bengal
	IAPSMCON WB State Chapter 2021	➤ Contribution of geriatric people in the society and related factors: A cross-sectional study in a rural block of West Bengal
Dr. Archita Bhattacharya	IAPSMCON 2021	➤ Knowledge, attitude and practice associated with COVID19 infection among people of a rural area of West Bengal
	IPHACON 2021	➤ Profile of patients having HIV/AIDS and their drug adherence attending a Tertiary Care Centre in Kolkata
Dr. Manisha Das	IAPSMCON 2021	➤ Awareness and Practices Associated with COVID 19 Infection Among People of an Urban Area of West Bengal: A Community Based Study
	IAPSMCON WB State Chapter 2021	➤ Questionnaire validation on motivation for healthy eating scale

Department of Dermatology

Sl No. Name

Designation

Faculty Members

- | | | |
|----|-----------------------------|----------------------|
| 1. | Dr. Surajit Kumar Biswas | Professor and H.O.D. |
| 2. | Dr. Jayashri (Das) Pramanik | Professor |
| 3. | Dr. Sudip Kumar Ghosh | Professor |

Clinical Tutor and Senior Resident

- | | | |
|----|---------------------|-----------------|
| 4. | Dr. Somashree Dutta | Tutor |
| 5. | Dr. Maloy Pramanik | Tutor |
| 6. | Dr. Avik Ghosh | Senior Resident |
| 7. | Dr. Satarupa Mondal | Senior Resident |
| 8. | Dr. Abheek Sil | Senior Resident |

Post Graduate Trainee

- | | | |
|----|---------------------------|--------------------|
| 1. | Dr. Sisir Das | Junior Resident -3 |
| 2. | Dr. Madhab Dutta | Junior Resident -3 |
| 3. | Dr. Gour Sundar Mukherjee | Junior Resident -3 |
| 4. | Dr. Bartika Sikder | Junior Resident -2 |
| 5. | Dr. Goutam Bera | Junior Resident -2 |
| 6. | Dr. Sangam Tamang | Junior Resident -2 |

Counsellors

- | | | |
|----|-------------------|------------|
| 1. | Satarupa Banerjee | Counsellor |
| 2. | Paromita Dey | Counsellor |

Group D staffs

- | | | |
|----|--------------|----------|
| 1. | Dipu Dutta | GDA |
| 2. | Ram Rabi Das | Security |

Research work submitted ongoing/as Thesis topics:

PG Trainee	Year	Guide(s)	Title
Dr. Avik Panigrahi	2018-2021	Dr. Surajit Kumar Biswas Dr. Sudip Kumar Ghosh	Clinico-epidemiological profile of childhood vitiligo: A cross sectional study from a tertiary care hospital in eastern India.
Dr. Satarupa Mondal	2018-2021	Dr. Surajit Kumar Biswas Dr. Sudip Kumar Ghosh	Clinico-demographical profile of non venereal genital dermatoses among females: A cross sectional study from a tertiary care hospital in eastern India.
Dr. Abheek Sil	2018-2021	Dr. Surajit Kumar Biswas Dr. Sudip Kumar Ghosh	Cultural Dermatoses: A cross sectional study from a tertiary care hospital in eastern India
Dr. Sisir Das	2019-2022	Dr. Surajit Kumar Biswas Dr. Sudip Kumar Ghosh	Metabolic Syndrome among patients with early onset androgenetic alopecia: A cross sectional study from a tertiary care hospital in eastern India
Dr. Madhab Dutta	2019-2022	Dr. Sudip Kumar Ghosh Dr. Surajit Kumar Biswas	Clinico-demographical profile of Blaschkoid dermatosis: A descriptive cross sectional study from a tertiary care hospital in eastern India
Dr. Gour Sundar Mukherjee	2019-2022	Dr. Sudip Kumar Ghosh Dr. Surajit Kumar Biswas	Clinico-demographical profile of palmo-plantar dermatoses: A descriptive cross sectional study from a tertiary care hospital in eastern India.
Dr. Bartika Sikder	2020-2023	Dr. Surajit Kumar Biswas Dr. Sudip Kumar Ghosh	Clinico-demographical profile of periorbital dermatoses: A descriptive cross sectional study from a tertiary care hospital in eastern India.
Dr. Goutam Bera	2020-2023	Dr. Surajit Kumar Biswas Dr. Sudip Kumar Ghosh	Pattern of non venereal genital dermatoses in adult male: A cross sectional study from a tertiary care hospital in eastern India.
Dr. Sangam Tamang	2020-2023	Dr. Surajit Kumar Biswas Dr. Sudip Kumar Ghosh	Clinico-demographical profile of Herpes Zoster: A cross sectional study from a tertiary care hospital in eastern India.

List of Other activities including projects, research grants, training, medals etc.:

Name	Activities	Year	Completed/Ongoing
Dr. Sudip Kumar Ghosh	Curriculum Implementation Support Program (CISP II) training	2020	Completed
	Revised Basic Course Workshop(RBCW)training	2021	Completed
	Basic course in Biomedical Research-by ICMRtraining	2021	Completed
	Ten research works	2021	Ongoing
Dr. Maloy Pramanik	Basic Course in Biomedical Research	2021-22	Ongoing
Dr. Avik Ghosh	Basic Course in Biomedical Research	2021-22	Ongoing
Dr. Satarupa Mondal	Basic Course in Biomedical Research	2021-22	Ongoing
Dr. Abheek Sil	Basic Course in Biomedical Research	2021-22	Ongoing
Dr. Sisir Das	Basic Course in Biomedical Research	2021	Completed
Dr. Madhab Dutta	Basic Course in Biomedical Research	2019-20	Completed
Dr. Sangam Tamang	Basic Course in Biomedical Research	2021	Completed

Presentation of scientific Paper in Conference/workshop/CMEs/Meeting:

Name of the faculty	Name of Organization/ programme	Presentation	Place	Year
	National PG Update	Approach to SLE- as faculty examiner	Online	2021
	IADVL - NE State branch- CUTICON	Pigmentation and Systemic Disease - Speaker	Online	2021
	National Conference on Allergic Diseases - ALLERCON	Role of Immunomodulatory Agents in Allergic Skin Diseases- Speaker	Online	2021
	Association of Physicians of India- MASTER CLASS	Manifestations of Medical Disorders- Speaker	Online	2021
	IADVL	A case- based panel discussion session on “childhood eczema”- Moderator	Online	2021
	IADVL – WB - MIDCUTICON	Pediatric Rheumatology - Panellist	Online	2021

Sudip Kumar Ghosh	IADVL- DERMACON	“Oral Ulcers- What could it be now?” -Moderator	Online	2021.
	ISPD	Hypopigmented disorder of pediatric population - Panellist	Online	2020
	Clinical and Experimental Pharmacology Society	Early Diagnosis of leprosy Dermatologist’s perspectives - Speaker	Online	2020
	IADVL –WB- CUTICON	Granulomatous skin disorders- Panellist	Online	2020
	IADVL -PGCON	Autoimmune Connective Tissue Diseases- Faculty	Online	2020
	IADVL -Delhi branch	Autoimmune Connective Tissue Diseases - Panellist	Online	2020
	IADVL- MIDCUTICON	Psychocutaneous disorder- Speaker & Panellist	Online	2020
	Indian association of Psychiatry	Psychocutaneous Disorders: A Dermatologist’s Perspective - speaker	Kolkata	2020
	IMA- NATCON	Dyspigmentation in systemic diseases	Kolkata	2019
	IADVL –WB- CUTICON	Dermatopathology workshop – Workshop Coordinator & Faculty	Kolkata	2019
	IADVL – WB- CUTICON	Cutaneous lymphoma- Panellist	Kolkata	2019
	Clinical and Experimental Pharmacology Soceity	Pharmacovigilance with Physicians at the Centre Stage- panellist	Kolkata	2019
	Pigmentary Soceity of India- PIGMENTARYCON	Skin manifestations of systemic disease - speaker	Kolkata	2019
	IADVL -SIG Ped Derm	Pediatric Genodermatosis-Moderator	Kolkata	2019
	Dermatology and Allied Specialties / DAAS-SUMMIT	Lupus erythematosus: Learn from cases- Panellist	New Delhi	2019
	IADVL –WB- MIDCUTICON	Genital ulcer- speaker & panellist	Durgapur	2019
	Clinical and Experimental Pharmacology Soceity	Pharmacovigilance with physicians at the centre stage - Panellist		2019
	IADVL -PGCON	Mucocutaneous manifestations of systemic disease- Speaker	Kolkata	2019
Dr. Surajit Kumar Biswas	National PG Update	Approach to bullous disease- as faculty examiner	Online	2021
Dr. Somashree Dutta	Eastern Zonal CME on Acne	Speaker	Online	2021
Dr. Maloy Pramanik	CUTICON WB	Paper presentation	Kolkata	2019
Dr. Satarupa Mondal	IADVL-Dermazone East	Award Paper presentation	Rourkela	2019
	IADVL-WB Cuticon WB	Award Paper presentation	Kolkata	
	IADVL -Dermacon	Free Paper Presentation	Pune	2020
	IADVL- PGCON	Participated as Resident Examinee	Online	2020

	TYSA –Dermatology-East Zone	Participated as a examinee	Online	2021
Dr. Abheek Sil	DERMAZONE EAST TROPICON CUTICON WB DERMACON	Presented - poster Presented- poster Presented-award paper Poster presentation	Rourkela Kolkata Kolkata Pune	2019 2019 2019 2020
Dr. Avik Panigrahi	TYSA –Dermatology-East Zone DERMAZONE EAST Dermacon	Participated a examinee Free paper presentation Poster	Online	2021 2019 2020
Dr. Sisir Das	MID CUTICON WB PGCON 8 th IADVL	Presented(3 rd position) Presented Poster presentation	Online Online Online	2021 2021
Dr. Madhab Dutta	MID CUTICON WB PGCON 8 th IADVL	Presented Presented Poster presentation	Online Online Online	2021 2021

Publication details (2019-2021):

Author	Title	Journal	Year	Vol	Page
Ghosh SK, Mondal S.	Asymptomatic shedding of nails in a young girl.	J Paediatr Child Health.	2021	1	166
Ghosh S.K., Ray A, Goel, A. Das S	Peristomal Herpes.	Indian J Surg	2021	83	1297–1298
Bhanja DB, Sil A, Punithakumar EJ, Panigrahi A, Das A, Biswas SK.	PRIDE syndrome.	Postgrad Med J.	2021	97	490
Sil A, Biswas SK, Bhanja DB, Das S, Panigrahi A.	Post-chikungunya hyperpigmentation.	Postgrad Med J.	2021	97	60
Bhanja DB, Sil A, Panigrahi A, Biswas SK.	Recurrent Genital Ulcers.	Urology.	2021	147	33-34
Panigrahi A, Biswas SK, Sil A, Bhanja DB.	Neutrophilic Dermatositis of the Hands with Palmar Involvement and Predominant Lymphomononuclear Cell Infiltration.	Indian J Dermatol.	2021	66	191-194.
Bhanja DB, Mondal S, Sil A, Das A, Panigrahi A, Biswas SK.	Post-emesis periorbital purpura in hyperemesis gravidarum.	Int J Dermatol.	2021	60	e117-e119.
Paul A, Mukhopadhyay A, Ghosh SK, Samanta K, Das S	Paraneoplastic Dermatomyositis in a Case of Gallbladder Signet Ring Cell Carcinoma.	Cureus.	2020	12	e10730
Mandal RK, Ghosh SK, Sarkar S.	Penile strangulation: A case report of a potentially serious emergency condition in a young male.	J Sex Transm Dis	2020	41	:127-8
Sarkar S, Ghosh SK,	Stereotypical linear purpura of	Indian J	2020	62	212-216

Sil A.	the upper limbs: A report of three cases of a rare psychocutaneous disorder and review of the literature.	Psychiatry.			
Ghosh SK, Sil A.	A young girl with curly hair	J Paediatr Child Health.	2020	56	341
Ghosh SK, Bhanja D.	. Non-healing ulcers over the neck.	J Paediatr Child Health	2020	56	176-177
Ghosh SK, Bandyopadhyay D, Dutta A, Jane EP, Biswas SK	A Profile of 23 Indian Patients with Purpura Fulminans: A Retrospective, Descriptive Study	Indian J Dermatol.	2020	65	381-387
Ghosh SK, Mondal S	Dry scaly skin in a 12-year-old boy.	J Paediatr Child Health.	2019	.55	1401-1402.
Dutta A, Ghosh SK, Bandyopadhyay D, Bhanja DB, Biswas SK.	Phakomatosis Pigmentovascularis: A Clinical Profile of 11 Indian Patients..	Indian J Dermatol.	2019	64	217-223
Ghosh SK, Das A	Neonate with peeling of skin and blistering.	. J Paediatr Child Health.	2019	55	1401
Ghosh SK, Bandyopadhyay D.	The color of skin: green diseases of the skin, nails, and mucosa.	Clin Dermatol.	2019	37	516-519.
Ghosh SK, Panigrahi A.	Erythematous nodules over the genitalia of a young boy.	J Paediatr Child Health.	2019		1145
Sarkar S, Ghosal MK, Ghosh SK, Guha G.	Schizophrenia-like psychosis as the presenting feature of neurosyphilis in a non-human immunodeficiency virus-infected Indian man: A reminder of a forgotten complication!	Indian J Psychiatry.	2019	61	213-216
Ghosh SK, Punithakumar DEJ.	Whitish cystic lesions over the scrotum and penis.	J Paediatr Child Health	2019	55	1284

Service Information:

Name	Services
Dr. Surajit Kumar Biswas	OPD, IPD, Skin OT, Procedure, Covid in-patient, Swasthya-Ingit, interdisciplinary referral, undergraduate and post graduate teaching
Dr. Jayashri (Das) Pramanik	OPD, IPD, Skin OT, Procedure, Covid in-patient, Swasthya-Ingit, Undergraduate and post graduate teaching, interdisciplinary referral
Dr. Sudip Ghosh	OPD, IPD, Skin OT, Procedure, Covid in-patient , Swasthya-Ingit, Undergraduate and post graduate teaching, interdisciplinary referral
Dr. Somashree Dutta	OPD, IPD, Skin OT, Procedure, Covid in-patient , undergraduate teaching
Dr. Maloy Pramanik	OPD, IPD, Skin OT, Procedure, Covid in Patient, Telemedicine, undergraduate teaching
Dr. Avik Ghosh	OPD, IPD, Skin OT, Procedure, Covid in Patient, Fever Clinic, Telemedicine, undergraduate teaching
Dr. Satarupa Mondal	OPD, IPD, Skin OT, Procedure, Covid in Patient, Fever Clinic, Telemedicine. Swasthya-Ingit (assistance), undergraduate teaching
Dr. Abheek Sil	OPD, IPD, Skin OT, Procedure, Covid in Patient, Fever Clinic, Telemedicine. undergraduate teaching
Dr. Sisir Das	OPD, IPD, Skin OT, Procedure, Covid in Patient, Fever Clinic, Telemedicine. undergraduate teaching
Dr. Madhab Dutta	OPD, IPD, Skin OT, Procedure, Covid in Patient, Fever Clinic, Telemedicine. undergraduate teaching
Dr. Gour Sundar Mukherjee	OPD, IPD, Skin OT, Procedure, Covid in Patient, Fever Clinic, Telemedicine. undergraduate teaching
Dr. Bartika Sikder	OPD, IPD, Skin OT, Procedure, Covid in Patient, Fever Clinic, Telemedicine.
Dr. Goutam Bera	OPD, IPD, Skin OT, Procedure, Covid in Patient, Fever Clinic, Telemedicine.
Dr. Sangam Tamang	OPD, IPD, Skin OT, Procedure, Covid in Patient, Fever Clinic, Telemedicine.

Other information:

A) Dr. Sudip Kumar Ghosh :

a) Editorial Activity:

- Section Editor- IJDVL
- Deputy editor of IJD

b) Reviewer of:

- International Journal of Dermatology
- Journal of European Academy of Dermatology Venereology
- Clinical Experimental Dermatology
- International Journal of STD & AIDS
- Journal of Post Graduate Medicine
- Indian Pediatrics
- IJSTD

B) Dr Satarupa Mondal

- Stood first in MD –Dermatology Examination -2021
- One of the East zone topper –TYSA Dermatology-2021

C) **Dr. Madhab Dutta & Dr. Sisir Das** –stood first in quiz at MIDDERMACON -2021

D) **Dr. Sisir Das** stood third in award paper presentation-2021 MIDCUTICON

E) **Dr. Avik Sil** – Stood first in poster presentation at Dermazone east -2019

F) **Dr. Avik Sil** - Stood 2nd in case presentation at SIG Ped Derm CME -2019

G) **Dr. Avik Sil&Dr Sisir Das** – STOOD SECOND IN QUIZ -2020 CAPPCON

H) **Dr. Esther JP**-Stood 3rd in case presentation at SIG Ped Derm CME -2019

I) **Dr. Gour Sundar Mukherjee and Dr. Madhab Dutta** – stood second in state level IADVL-GSK- National Quiz Programme for Post Graduates-2021

J) **Dr.Avik Panigrani** – 3rd Prize – in paper presentation –CUTICON 2021

K) Conducted DNB-DERMATOLOGY practical examination 2021at dermatology department of R.G.KAR MC

Department of Dental

Staff Details:

Sl. No.	Name	Designation
1.	Dr. Sandip Kumar Mandal	Professor & Head
2.	Dr. Gautam Naskar	Associate Professor
3.	Dr. Mou Banerjee	Assistant Professor
4.	Dr. Nishat Anjum	Dental Surgeon cum Clinical Tutor
5.	Dr. Sourav Chandra	Dental Surgeon cum Clinical Tutor
6.	Dr. Bodhisatta Mukherjee	Dental Surgeon cum Clinical Tutor
7.	Dr. Ritesh Aich	Dental Surgeon
8.	Dr. Rupali Mandal	Dental Surgeon (On Detailment from Maldah Medical College & Hospital)

Group D Staff:

- One (1) fixed contractual scavenging staff.

Service Information:

1. Patient consultation and examination and counseling
2. Management of Oral lesion.
3. Routine extraction of hopeless teeth.
4. Surgical extraction of impacted teeth.
5. Varieties of minor OT cases like cyst enucleation, small growth excision, biopsy sample collection, fracture of jaws,
6. Root Canal Treatment, Restoration of carious tooth, Oral Prophylaxis, and periodontal surgery.
7. Occasionally visiting OT as assistant with Plastic Surgery Department.
8. Fabrication of obturators, cover plate for post Maxillectomy patients referred from ENT Department.

Department of E.N.T.

Name Designation

• Dr. Indranath Kundu	Professor, HOD
• Dr. Jayanta Saha	Associate Professor
• Dr. Souradeep Ray	Associate Professor
• Dr. Debabrata Das	Assistant Professor
• Dr. Debabrata Biswas	Assistant professor
• Dr. Saikat Samaddar	Clinical Tutor
• Dr. Subhadip Sardar	Clinical Tutor
• Dr. Mansoor Alam	Clinical Tutor
• Dr. Alokendu Bose	Senior Resident
• Dr. Dipanjan Chakraborty	Senior Resident
• Dr. Suyash Banerjee	Senior Resident
• Dr. Rajarshi Chakraborty	Senior Resident
• Dr. Sweta Verma	Senior Resident
• Dr. Suman Das	Senior Resident
• Dr. Tanmoy Sarkar	Senior Resident
• Dr. Riya Das	Senior Resident
• Dr. Tithi Debnath	Senior Resident
• Dr. Subhadeep Chowdhury	Senior Resident
• Dr. Arijit Chatterjee	Senior Resident
• Dr. Sayar Chatterjee	Junior Resident
• Dr. Pritha chatterjee	Junior Resident
• Dr. Priyanka Samal Saha	Junior Resident
• Dr. Udayshankar Roy	Junior Resident
• Dr. Purbita Mitra	Junior Resident
• Dr. Javed Saukat Middya	Junior Resident
• Dr. Madhurima Mandal	Junior Resident
• Dr. Sushmita Dutta	Junior Resident
• Dr. Tuhin Deoghuria	Junior Resident
• Dr. Abhijit Das	Junior Resident
• Dr. Shaba Tarannum	Junior Resident
• Dr. Sarasij Roy	Junior Resident

Research work submitted as thesis topics/research ongoing in the sessions 2019-2022:

PG Trainee/Research Scholar	Year	Guide(s)	Title
Dr. Pritha Chatterjee	2020-21	Guide – Prof. & HOD (Dr.) Indranath Kundu Co- Guide – Dr. Souradeep Ray	Pre- & Post Operative Microscopic and Audiometric Findings in Cases of Type 1 tympanoplasty for Mucosal variety of Chronic Otitis Media
Dr. Purbita Mitra	2020-21	Guide – Dr. Souradeep Ray Co- Guide – Dr. Jayanta Saha	A Comparative study between Merocel nasal packing in the management of epistaxis
Dr. Sayar Chatterjee	2020-21	Guide – Prof. & HOD (Dr.) Indranath Kundu Co- Guide – Dr. Souradeep Ray	Traumatic Tympanic Mmembrane perforation: Etiology, Modes of treatment, and Factors affecting Outcome- A Descriptive study
Dr. Priyanka Samal	2020-21	Guide – Prof. & HOD (Dr.) Indranath Kundu Co- Guide – Dr. Souradeep Ray	A Clinical Study on Interlay and Underlay Type 1 Tympanoplasty in large central perforation with special focus on outcome: Graft uptake and hearing improvement
Dr. Javed Saukat Middya	2020-21	Guide – Dr. Jayanta Saha Co- Guide – Dr. Souradeep Ray	A comparative study between Type -1 Tympanoplasty with or without Cortical Mastoidectomy in the Management of Mucosal Variety of Chronic Otitis Media
Dr. Uday Shankar Roy	2020-21	Guide – Dr. Jayanta Saha Co- Guide – Dr. Souradeep Ray	A Study on the influence of sinusitis in persistent active Chronic Otitis Media of mucosal variety

Presentation of Scientific paper / conference / seminars / workshop / CMEs / meeting etc. attended by Faculty Members, PGTs, Research Scholars and Scientists:

Participants' name	Title	Digital Pg Summit	Clinical Meet
Dr. Pritha Chatterjee	1. Paper presentation - Deep neck space infections – Etiology, Presentation, Management and Complications in tertiary care hospital – An Observational Prospective Study 2. Poster presentation -Recurrent Lymphangioma over Posterior triangle of Neck 3. Parapharyngeal Space Foreign Bodies	AOIWB Digital PG Summit AOIWB Digital PG Summit	AOIWB Clinical Meeting
Dr. Priyanka Samal	1. Paper – Benign diseases of Larynx 2. Poster – A case of Recurrent Respiratory Papillomatosis in an adult 3. Paper – Case study on a patient with Total Laryngectomy and voice rehabilitation	AOIWB Digital PG Summit AOIWB Digital PG Summit	AOIWB Clinical Meeting
Dr. Purbita Mitra	1. Paper – Effect of lignocaine infiltration in the tonsillar bed and pillars after tonsillectomy in the management of post- operative pain 2. Poster - Craniopharyngioma	AOIWB Digital PG Summit AOIWB Digital PG Summit	
Dr. Sayar Chatterjee	1. Poster - Nasopharyngeal Rhinosporidiosis 2. Paper – A Clinical study on lateral wall of Nose: Anatomical Variants, Radiological and Endoscopic Appearance and Role in Symptomatology in patients with Chronic Rhinosinusitis in a Tertiary care Hospital	AOIWB Digital PG Summit	AOIWB Clinical Meeting
Dr. Javed Saukat Middy	1. Is flap tracheostomy advantageous over conventional technique: Our experience in a Tertiary care Hospital	AOIWB Digital PG Summit	
Dr. Uday Shankar Roy	1. Poster – Extraparotid Mucoepidermoid Carcinoma – An Unusual Presentation	AOIWB Digital PG Summit	
Dr. Madhurima Mandal	1. Poster – Inverted papilloma	AOIWB Digital PG Summit	
Dr. Sushmita Dutta	1. Poster – CSF Leak	AOIWB Digital PG Summit	
Dr. Dipanjan Chakraborty	1. Paper – Clinical presentation, Diagnosis and management Of Rhino-Orbito-Cerebral Mucormycosis: Our Experience at a Tertiary Care Hospital		AOIWB Clinical Meeting

Publication from the department in the sessions 2019-2022:

Authors' name	Title	Journal	Year	Vol. No.	Page No.
Dr. Tanmoy Sarkar, Dr. Riya Das & Dr. Uday Shankar Roy	Spontaneous transection of a retained 16 years old nasogastric tube	Bengal Journal of Otolaryngology and Head-Neck Surgery	2021	29	110-112
Dr. Tanmoy Sarkar, Dr.Sweta Verma & Dr. Riya Das	A case series of Unusual neck masses	Indian Journal of Otolaryngology and Head-Neck Surgery	2021		1-5
Dr. Jayanta Saha, Dr. Apurba Sarkar, Dr. Tithi Debnath & Dr. Subhadeep Chowdhury	1. Hightened Propensity of Self-Inflicted Violence- A collateral damage of COVID- 19 Pandemic; Review of 3 cases of Suicidal cut Throat Injury	International Journal of Health & Clinical Research	2021	4	37-41
	2. Capillary Hemangioma of the External Auditory Canal extending to Middle Ear and Mastoid Cavity: A rare case report with Review of Literature	Indian Journal of Otolaryngology and Head- Neck Surgery	2021		1-5
Dr. Jayanta Saha, Dr. Debabrata Biswas, Dr. Tithi Debnath & Dr. Subhadeep Chowdhury	3. Multifocal facial Rosai Dorfman Disease with Post-surgical recurrence	International Journal of Otorhinolaryngology and Head and Neck Surgery	2021	7	1-4
Dr. Jayanta Saha, Dr. Debabrata Biswas & Dr. Arijit Chatterjee	1. A Study of Bacteriological and Antibiotic sensitivity in Patients of Neck Abscesses	Indian Journal of Applied Research	2021	11	5-7

Service Information (including OPD, OT, ITU, ICU, clinical activity, test, sample analyses etc.) if any, in tabular form.

OPD Services	Minor OT Services	OT Services	Audiological tests and Speech-therapy
All routine clinical check-up of general ENT patients	Stitch removal, dressing of wounds, I/D of small abscesses	All major ENT OTs including microscopic, endoscopic surgeries under Local and General Anaesthesia	All audio-vestibular tests including – Pure tone audiometry (PTA), Impedance audiometry, OAE, BERA, ENG
OPD consultation to Head-neck cancer patients	Diagnostic Nasal Endoscopy(DNE), Fibreoptic Laryngoscopy(FOL)	Head and Neck surgeries for Benign and Malignant Lesions	Hearing Aid Trial (HAT)
Disability assessment for Hearing Handicap	Aural syringing	Removal of foreign bodies from ear, nose, and common aerodigestive tract	Speech therapy and rehabilitation
Foreign body removal	Ryles' tube insertion	DNE, FOL & EUM	Neonatal hearing screening (OAE, BERA)

Department of Forensic Medicine & Toxicology

NAME

DESIGNATION

Prof. Somnath Das	Professor & HOD
Dr. Sandip Mukhopadhyay	Associate Professor
Dr. Partha Bhattacharya	Associate Professor (Transferred out)
Dr. Rina Das	Associate Professor (Transferred out)
Dr. Deboleena Das	Assistant Professor
Dr. Saumabrata Panja	Assistant Professor
Dr. Diyasini Roy	Demonstrator
Dr. Debasish Som	Demonstrator
Dr. Choitali Goswami	Senior Resident
Dr. Prabha K	Senior Resident
Dr. Pinaki Chakraborty	Medical Officer (PIC)
Dr. Sanjib Kumar Datta	Medical Officer (PIC)
Dr. Bibek Bhakta	3 rd Year PGT
Dr. Siddhartha Prasad KM	3 rd Year PGT
Dr. Swarnali Mukherjee	2 nd Year PGT
Dr. Aabir Kar	2 nd Year PGT
Dr. Shovan Alam	2 nd Year PGT

Staffs

Mr. Taraknath Chatterjee	Store keeper cum UDC
Mrs. Chandra Sarkar	Grp D
Mr. Sambhu Mallick	Mortuary Assistant
Mr. Gopal Mallick	Mortuary Assistant
Mr. Manoj Mallick	Mortuary Assistant

Research Work submitted as Thesis in the sessions 2019 – 2022:

PG Trainee	Year	Guides	Title
Dr. Bibek Bhakta	2019-2022	Prof Dr. Somnath Das	An Autopsy study of fatal cranio-cerebral injuries in motor bike riders.
Dr. Siddhartha Prasad	2019-2022	Prof Dr. Partha Bhattacharya	Study of Fingerprint pattern with respect to Gender dimorphism and its geographical distribution in and around North Kolkata district among autopsy cases at police morgue R.G.Kar Medical College, Kolkata.

Awards, Medals, Certificates.etc..

Prof. Dr. Somnath Das

1. Vishisthya Chhikitshya Samman from Govt. of West Bengal, 2019.
2. Inclusion of Poison Information Center, RG.Kar Medical College in the World Health Observatory by WHO Poison Control Center, 2021.
3. Medical Excellence award, 2021 by UEM Kolkata.

Publications from Dept in the session 2019-2022

Author's Name	Title	Journal	Year	Volume No.	Page No.
Prof. Dr. Somnath Das	Analysis of post mortem serum sodium concentration: A way out for determination of time since death.	Journal of Indian Society of Toxicology (JIST)	Jan – March 2020	42 issue 01	
Prof. Dr. Somnath Das	Histochemistry based confirmation of the diagnosis of copper sulphate poisoning: Case series.	Journal of Indian Society of Toxicology (JIST)	April – June 2020	16 issue 01	
Prof. Dr. Somnath Das	Anti microbial resistance pattern of bacterial isolates among nosocomial infections (UTI & Blood stream infections) from the ICU of a Tertiary Care Govt. Hospital in India.	J.Evolution Med.Dent.sci	August 10-2020	9 issue 32	
Dr. Rina Das	Analysis of post mortem serum sodium concentration: A way out for determination of time since death.	Journal of Indian Society of Toxicology (JIST)	Jan – March 2020	42 issue 01	
Dr. Rina Das	Histochemistry based confirmation of the diagnosis of copper sulphate poisoning: Case series.	Journal of Indian Society of Toxicology (JIST)	April – June 2020	16 issue 01	
Dr. Rina Das	Anti microbial resistance pattern of bacterial isolates among nosocomial infections (UTI & Blood stream infections) from the ICU of a Tertiary Care Govt. Hospital in India.	J.Evolution Med.Dent.sci	August 10-2020	9 issue 32	

Service information of Dept. of FMT

1. Poison Information Center started functioning from 2019. It serves the people of India through tele service. Doctors serving in various institutions all over India also get the service while treating toxicology cases. The doctors attached to PIC attend about 40 calls per day.

2. Medico legal examinations:

Year	No. of Male cases	No. of Female cases	Total
2018	60	82	142
2019	87	94	181
2020	48	61	109

3. Post Mortem Examinations held in RGKMCH, Police morgue.

Year	No. of Autopsy cases
2018	2375
2019	2296
2020	2183

Department of Gastroenterology

Name

- Dr. Kingshuk Kumar Dhar
- Dr. Sujay Ray
- Dr. Arghya Chattopadhyaya
- Dr. Debajyoti Chakraborty
- Dr. Abhishek Das
- Dr. SK Aziz
- Dr. Abhilesh J Yadav

Designation

Professor & Head
Associate Professor
Assistant Professor
RMO
SR
PDT
PDT

Research Work Submitted as thesis topic

PG Trainee	Topic	Guide
Dr. SK Aziz	Comparative study of Rifaximin vs Lactulose on Minimal Hepatic Encephalopathy outcome, an open label randomized trial (Session 2020-23)	Dr. (Prof.) Kingshuk Dhar, Dr. Dhiman Das, Dr. Arghya Chattopadhyaya
Dr. A. J. Yadav	Correlation between endoscopic disease activity and histological activity in Ulcerative colitis (Session 2020-23)	Dr. Sujay Ray, Dr. Tushar kanti Das Dr. Arghya Chattopadhyaya

Publication from the Department

Author's Name	Title	Published on
Aritra Kr. Ray Kaustav Samanta Uddalok Chakraborty Debasis Dey Kingshuk Kumar Dhar	Abdominal cocoon-An uncommon cause of intestinal obstruction	Indian J of Gastroenterology April 2021 (online print)

Service Information

OPD : 2 days a week (Monday, Thursday)
Hepatitis Clinic : 7 days a week
Endoscopy / Colonoscopy : Daily
ERCP : 1 / 7 days a week
Endoscopy Procedure : Daily a required
Department Seminar : 7 days a week

Department of General Surgery

<u>Name</u>	<u>Designation</u>
• Dr Gautam Ghosh	Professor and Head
• Dr Prosanta Kumar Bhattacharjee	Professor
• Dr Divyendu Gautam	Professor
• Dr Ramanuj Mukherjee	Professor
• Dr Bikash Chandra Ghosh	Professor
• Dr Dilip Kumar Das	Professor
• Dr Mala Mistri	Associate Professor
• Dr Somdatta Lahiri	Associate Professor
• Dr Sasanka Nath	Associate Professor
• Dr Partha Pratim Mandal	Associate Professor
• Dr Subhasish Karmakar	Associate Professor
• Dr Dipak Chowdhury	Assistant Professor
• Dr Tushar Kanti Saradar	Assistant Professor
• Dr Samir Ranjan	Assistant Professor
• Dr Debajit Kumar Roy	Assistant Professor
• Dr Sampat Mallick	Assistant Professor
• Dr Prasenjit Das	Assistant Professor
• Dr Asit Chakraborty	Tutor
• Dr Jorge Pal	Tutor
• Dr Sukanta Sikdar	Senior Resident
• Dr Sabyasachi Goswami	Senior Resident
• Dr Sayonika Pratihari	Senior Resident
• Dr Shobhana Sridhar	Senior Resident
• Dr Kaustav Samanta	Senior Resident
• Dr Sandeep Chakraborty	Senior Resident
• Dr Sayantan Roy	Senior Resident
• Dr Piyas Sengupta	Senior Resident
• Dr Abhirup Chakraborty	Senior Resident
• Dr Arun Gupta	Senior Resident
• Dr Dipanjan Roy	Senior Resident
• Dr Kuntal Bittel	Senior Resident
• Basant Kumar Rawani	Senior Resident
• Puja Ganguly	Junior Resident
• Dibyendu Chatterjee	Junior Resident
• Subhadeep Das	Junior Resident
• Kaustav Banerjee	Junior Resident
• Dipratim Das	Junior Resident
• L Neilasano	Junior Resident
• Dr Kaustav Saha	Junior Resident
• Dr Somnath Saha	Junior Resident
• Dr Tuhin Subhra Mandal	Junior Resident
• Dr Tamal Karmakar	Junior Resident
• Dr Md Abu Ahammed	Junior Resident

• Dr Aniruddha Mukherjee	Junior Resident
• Imon Halder	Junior Resident
• Sabyasachi Paul	Junior Resident
• Partha Mondal	Junior Resident
• Karan Sharma	Junior Resident
• Sagnik Maiti	Junior Resident
• Namrata Majumdar	Junior Resident
• Soham Kundu	Junior Resident
• Arabinda Kar Chowdhury	Junior Resident
• Soumendu Das	Junior Resident
• Dickey Lamu Sherpa	Junior Resident
• Shaikh Abdullah	Junior Resident
• Debarpito Mukherjee	Junior Resident
• Abdur Rahim Khan	Junior Resident
• Dipayan Biswas	Junior Resident

Research work submitted as thesis topics/research ongoing in the sessions 2019-2022:

PG Trainee/Research Scholar	Year	Guide(s)	Title
Puja Ganguly	2019-2022	Dr Gautam Ghosh	Study Of Intestinal Stomal Complication With Special Reference To Its Preventive Measures
Dibyendu Chatterjee	2019-2022	Dr Subhabrata Das	Observational Study Of Ca 19-9 Values In Cases Of Surgical Jaundice For Evaluation Of Usefulness In Management Of The Various Etiologies.
L Neilasano	2019-2022	Dr Ramanuj Mukherjee	Mapping Regression Of Locally Advanced Breast Carcinoma After Neoadjuvant Chemotherapy And Correlating With Peri-Operative Tumor Characteristics With Emphasis On Histopathological Regression
Kaustuv Banerjee	2019-2022	Dr Bikash Chandra Ghosh	A Prospective Observational Study Of The Surgical Site Infection Of Open Elective Abdominal Operations
Dipratim Das	2019-2022	Dr Dilip Kumar Das	An Observational Study To Estimate A Single Optimal Mesh Size For Lichtenstein Inguinal Hernioplasty
Subhadeep Das	2019-2022	Dr. Divyendu Gautam	A Study Of Traumatic Hollow Viscus Perforation With Reference To Factors Determining Outcome
Dr Kaustav Saha	2019-2022	Dr Sasanka Nath	A Study On Cases Of Acute Large Bowel Obstruction With Its Treatment And Outcome Coming At Tertiary Care Hospital In Kolkata
Dr Somenath Saha	2019-2022	Dr Dilip Kumar Das	Effect Of Carbon Dioxide Pneumoperitoneum On Liver Function Following Laparoscopic Cholecystectomy

			In A Tertiary Care Hospital, Kolkata
Dr Tuhinsubhra Mandal	2019-2022	Dr Mala Mistri	An Observational Study Of Etiological Factors And Cytological Changes In Gynecomastia In A Tertiary Care Hospital In Eastern India
Dr Tamal Karmakar	2019-2022	Dr Somdatta Lahiri	An Overview Of Clinical Features, Complications And Management Of Acute Cholecystitis Patients In A Tertiary Care Hospital In Eastern India
Dr Md Abu Ahammed	2019-2022	Dr Bikash Chandra Ghosh	A Clinical Study Of Complicated Inguinal Hernia With Special Reference To Its Management
Dr Aniruddha Mukherjee	2019-2022	Dr Subhasish Karmakar	Evaluation Of Outcome Of Patients Of Lower Abdominal Incisional Hernia With Component Separation Technique

Publication from the department in the sessions 2019-2022:

Authors' name	Title	Journal	Year	Vol. No.	Page No.
R Mukherjee	Splenic Trauma In The Twenty-First Century: Changing Trends In Management	Annals of The Royal College of Surgeons of England	2018 (December)	100(8)	162-167
R Mukherjee	Surgical Emergencies In Pregnancy In The Era Of Modern Diagnostics And Treatment	Taiwanese Journal of Obstetrics and Gynecology	2019	68(2)	468-453
R Mukherjee	What's Up With Whatsapp In Supplementing Surgical Education: An Objective Assessment	Annals of The Royal College of Surgeons of England	2021	57	455-459
R Mukherjee	Evaluation Of Clinical Outcome Of Patients Undergoing Emergency Laparotomy With The Help Of Portsmouth Predictor Equation For Mortality	International journal of Contemporary Medical Research	2019	6(2)	123-127
R Mukherjee	Achieving Perfect Hand Washing: An Audit Cycle With Surgical Internees	Indian Journal of Surgery	2020	4(3)	234-237
R Mukherjee	Adjusting To Ostomy : The Good ,Bad And Ugly Side Of Post Ostomy Life Issues In A Cohort Of Indian Patients	Indian Journal of Surgery	2020	4(1)	347-351
R Mukherjee	A Comparative Study Of Primary Skin And Subcutaneous Tissue Closure And Open Skin Technique In	International Surgery Journal	2019	Volume 6(1) Issue 10	124-127

	Emergency Laparotomy For Perforative Peritonitis: An Observational And Prospective Study				
R Mukherjee	An Analysis Of Discrepancies In Consent Form For Laparoscopic Cholecystectomy In A Tertiary Care Hospital: “Filter” Model	International Surgery Journal	2019	Volume 6(4) Issue 10	278-282
R Mukherjee	Original Article Ensuring Surgical Safety: Initial Footstep In A Thousand Mile Journey. An Initial Outcome Study From A Developing Country	Annals of International Medical and Dental Research	2019	Vol (5), Issue (6) October 2019	348-376
R Mukherjee	A Study To Evaluate The Outcome Following Anderson Hynes Pyeloplasty In Hydronephrosis Patients With Cummings Stent And D-J Stent	International Journal of research in Medical sciences	2019	Volume 7(1) January 2019	128-132
R Mukherjee	A Hypoechoic Lesion In Liver: A Rare Presentation Of Liver Abscess	Biomed J Sci & Tech Res	2019	Vol. 34 January 219	135
R Mukherjee	Expecting The Unexpected: An Encounter With Primary Neuroendocrine Cancer Of The Breast	Indian journal of Surgery	2021	Volume 4(8) September 2021	236
R Mukherjee	Expecting The Unexpected – _Xiphoid Syndrome	Surgical chronicles of north greece	2020	Vol. 25, issue 2 2020	127
R Mukherjee	The Sign Of Continuity: Continuous Diaphragm Sign In Pneumoperitoneum	Indian journal of Surgery	2020	Vol. 4(8) September 2020	137
R Mukherjee	The ‘Nick’ Or ‘Clip’? A Giant Hepatic Artery Pseudoaneurysm Complicating Laparoscopic Cholecystectomy	Journal of Minimal Access Surgery	2020	Volume 6(8) July 2021	143
Bikash Chandra Ghosh	Is Laparoscopic Totally Extra Peritoneal Repair Of Hernia (Tep) Superior Than Trans-Abdominal Preperitoneal (Taap) Mesh Repair Of Inguinal Hernia- Our Experience From A Tertiary Care Hospital, Kolkata	ASIAN JOURNAL OF MEDICAL SCIENCES	Nov-Dec 2018	Vol 9 Issue 6	20-24
Gautam Ghosh	Assessment Of Recent Epidemiological Trends In Peptic Ulcer Perforation	ASIAN JOURNAL OF	Nov-Dec 2018	Vol 9 Issue 6	68-75

	Patients In An Eastern Indian Tertiary Hospital	MEDICAL SCIENCES			
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Service Information:

Month and Year	OPD New	OPD Old	OPD Total	Admission	Major OT	Minor OT	Total OT
December,20	3203	941	4144	427	300	357	657
January,21	3251	1252	4503	556	330	337	667
February,21	3249	1552	4801	477	289	274	563
March,21	3807	1299	5106	508	304	378	682
April,21	2563	1438	4001	312	191	259	450
May,21	862	443	1305	184	151	150	301
June,21	1751	667	2418	312	226	303	529
July,21	3061	759	3820	402	233	311	544
August,21	3513	744	4257	447	291	266	557
September,21	3552	979	4531	461	302	310	612
October,21	2990	695	3685	293	165	304	469
November,21	3842	810	4652	506	300	368	668
Total	35644	11579	47223	4885	3082	3617	6699

SICU CENSUS Dec,2020 to Nov,2021

Month and Year	TRANSFER IN	TRANSFER OUT	DEATH
December,20	113	85	27
January,21	131	97	38
February,21	101	67	39
March,21	105	73	28
April,21	80	45	37
May,21	72	43	32
June,21	97	63	24
July,21	89	58	36
August,21	96	59	35
September,21	90	57	28
October,21	53	40	20
November,21	85	53	29

Department of Gynaecology & Obstetrics

01.	Prof. Arup Kumar Majhi (HOD)	Professor
02.	Prof. Siddhartha Datta	Professor Retired 31 July 2021
03.	Prof. Rup Kamal Das	Professor
04.	Prof. Debdatta Ghosh	Professor
05.	Prof. Nilanjana Chaudhury Bandyopadhyay	Professor
06.	Prof. Rajendra Prasad Ganguly	Professor
07.	Dr. Aparna Khan Mandal	Associate Professor
08.	Dr. Shyamal Dasgupta	Associate Professor
09.	Dr. Tulika Jha	Associate Professor Transferred out 2/8/21
10.	Dr. Alok Kumar De	Associate Professor
11.	Dr. Abijit Rakshit	Associate Professor
12.	Dr. Shelley Seth	Associate Professor
13.	Dr. Animesh Naskar	Associate Professor
14.	Dr. Hasibul Hasan Shirazee	Associate Professor
15.	Dr. Mallika Sengupta	Assistant Professor Promoted & transferred out 29/11/21
16.	Dr. Anindya Das	Assistant Professor
17.	Dr. Monimala Murmu	Assistant Professor
18.	Dr. Rupali Modak	Assistant Professor
19.	Dr. Sandip Sarkar	Assistant Professor
20.	Dr. Aparna Chakraborty	Assistant Professor
21.	Dr. Pradip Kumar Saha	Assistant Professor
22.	Dr. Subrata Samanta	Assistant Professor
23.	Dr. Subir Kumar Roy	Senior Medical Officer

24.	Dr. Shyamal Chakraborty	Senior Medical Officer
25.	Dr. Palash Biswas	Medical Officer
26.	Dr. Chhandos Saha	R.M.O
27.	Dr. Suman Podder	R.M.O
28.	Dr. Nandini Goswami	R.M.O
29.	Dr. Sangeeta Dubey	R.M.O
30.	Dr. Chiranjit Ghosh	R.M.O
31.	Dr. Bharat Chandra Mandi	Tutor
32.	Dr. Faruk Hassan	Tutor
33.	Dr. Anwesa Pal	Senior Resident
34.	Dr. Seema Das	Senior Resident
35.	Dr. Esha Das	Senior Resident
36.	Dr. Abhishek Ray	Senior Resident
37.	Dr. Poulami Sinha	Senior Resident
38.	Dr. Dipanjan Bandhya	Senior Resident
39.	Dr. Nikita Achal	Senior Resident
40.	Dr. Moumita Bera	Senior Resident
41.	Dr. Shilpi Sharma	Senior Resident
42.	Dr. Pinky Biswas	Senior Resident
43.	Dr. Archi Ghanti	Senior Resident
44.	Dr. Anumita Chandra	Senior Resident
45.	Dr. Tanushree Mahata	Senior Resident
46.	Dr. Mousumi Ghosh	Senior Resident
47.	Dr. Uden Bhutia	Senior Resident
48.	Dr. Paromita Roy	Senior Resident
49.	Dr. Soumi Banerjee	Senior Resident
50.	Dr. Roshni Sethia	Senior Resident
51.	Dr. Rupsha Chowdhury	Senior Resident
52.	Dr. Somashree Gharami	Senior Resident

53.	Dr. Lubui Saren	Senior Resident
54.	Dr. Ritu Das	Senior Resident
55.	Dr. Poulami Sarkar	Senior Resident
56.	Dr. Bidisha Baidya	Senior Resident
57.	Dr. Ananya Gupta	PGT
58.	Dr. Pranati Kashyapi	PGT
59.	Dr. Sanjana Jain	PGT
60.	Dr. Swarnali Biswas	PGT
61	Dr. Eman Era	PGT
62	Dr. Somdutta Basu	PGT
63	Dr. Niharika sarkar	PGT
64	Dr. Saptarni Maity (MOTR)	PGT
65	Dr. Debashree Saha	PGT
66	Dr. Punam Sarkar	PGT
67	Dr. Nargis Parvin	PGT
68	Dr. Hetal Patel	PGT
69	Dr. Poolami Roy	PGT
70	Dr. Pallabi Das	PGT
71	Dr. Avijit Biswas (MOTR)	PGT
72	Dr. Sandhya Dwivedi	PGT
73	Dr. Soumyodipta Ghosh	PGT
74	Dr. Dipro Saha	PGT
75	Dr. Anindita Mandal	PGT
76	Dr. Mandira Karmakar	PGT
77	Dr. Bushra Firdaus	PGT
78	Dr. Trisha Chattoraj	PGT
79	Dr. Surojit Ghosh	PGT
80	Dr. Sradha Kedia	PGT
81	Dr. Alisha Singh	PGT

82	Dr. Tarana Haque (MOTR)	PGT
83	Dr. Liduram Hansda (MOTR)	PGT
84	Dr. Mounashree Ghosh	PGT
85	Dr. Alolika Saha	PGT
86	Dr. Ishita Amitabh Sinha	PGT
87	Dr. Neda Shafer	PGT
88	Dr. Madhurima Kar	PGT
89	Dr. Firoza Yasmin	PGT
90	Dr. Sneha Kumari Saha	PGT
91	Dr. Sukumar Saren (MOTR)	PGT
92	Dr. Suchita Mandal	PGT
93	Dr. Abantika Ghosh	PGT
94	Dr. Pritilata Show	PGT
95	Dr. Zuka Bint Kamal	PGT
96	Dr. Priyanka Kumari	PGT
97	Dr. Sangeeta Roy	PGT
98	Dr. Asif Kamal (MOTR)	PGT
99	Dr. Vasundhara Jaiswal	PGT
100	Dr. Sohini Ghosh Dostidar	PGT
101	Dr. Sai Sruti Sitaraman	PGT
102	Dr. Tuhin Subhra Roy	PGT

Thesis topics/research in the sessions : 2020-2023

PG Trainee/Research Scholar	Year	Guide(s)	Title
DR. SANJANA JAIN	2020-2023	PROF. DEBDATTA GHOSH PROF. JAYATI BANDHYA	Comparative efficacy of gonadotropin releasing hormone agonist and aromatase inhibitor in the medical management of uterine adenomyosis- a prospective observational study
DR. SWARNALI BISWAS	2020-2023	PROF. DEBDATTA GHOSH DR. MALLIKA SENGUPTA	Induction of abortion in the first trimester of pregnancy using letrozole and misoprostol combination verses misoprostol alone
DR. SOMDUTTA BASU	2020-2023	DR. ALOKE KUMAR DE DR. APARNA CHAKRABORTY	A study on outcome of Diabetes Mellitus in pregnancy in a tertiary care hospital –A cross sectional observational study
DR. NIHARIKA SARKAR	2020-2023	DR. ALOKE KUMAR DE	Clinical assessment of ectopic pregnancies in a tertiary care centre- a prospective study
DR. DEBASHREE SAHA	2020-2023	PROF. NILANJANA CHAUDHURY	A Prospective observational study of obstetric related admission to high dependency unit clinical profile and outcome
DR. PUNAM SARKAR	2020-2023	PROF. NILANJANA CHAUDHURY	Role of micronized progesterone among pregnant women from 24 weeks onwards in delaying the onset of labor in a tertiary care hospital of Kolkata
DR. HETAL PATEL	2020-2023	DR. SHYAMAL DASGUPTA	Prospective observational study to determine perinatal outcome of second twin according to mode of delivery in tertiary care hospital
DR. AVIJIT BISWAS	2020-2023	DR. SHYAMAL DASGUPTA	A prospective observational study to compare fetomaternal outcome after a single miscarriage with a mother having a single live vaginal delivery in a tertiary care centre
DR. SANDHYA DWIVEDI	2020-2023	PROF. ARUP KUMAR MAJHI	A study to assess the relationship between amniotic fluid assessment at term and perinatal outcome

DR. SOMYODIPTA GHOSH	2020-2023	PROF. ARUP KUMAR MAJHI	Comparison of maternal and perinatal outcomes in placenta praevia versus abruption placenta after age of viability
DR.MANDIRA KARMAKAR	2020-2023	DR. APARNA KHAN MANDAL	Fetomaternal outcome of elective and emergency cesarian section in a tertiary care hospital in eastern India-a comparative study
DR. BUSHRA FIRDUS	2020-2023	DR. SHELLEY SETH	Maternal and fetal outcome of pregnancy in women with polycystic ovary syndrome
DR.SRADHA KEDIA	2020-2023	DR. ABHIJIT RAKSHIT	Oral nifedipine versus intravenous Labetalol to control hypertension in severe preeclampsia-a prospective comparative study
DR. LIDHURAM HANSDA	2020-2023	DR. ABHIJIT RAKSHIT	Correlation of maternal haemoglobin at term with cord blood haemoglobin and birth weight of baby- a cross sectional observational study
DR. ALOLIKA SAHA	2020-2023	PROF. R.P. GANGULY	First trimester Doppler velocimetry of uterine artery ipsilateral to the placenta improves ability to predict early onset preeclampsia-a prospective observational study
DR. MOUNASHREE GHOSH	2020-2023	PROF. R.P. GANGULY	Comparative study of oral misoprostol versus manual vacuum aspiration for the treatment of first trimester incomplete abortion
DR.MADHURIMA KAR	2020-2023	PROF. RUP KAMAL DAS	Maternal and perinatal outcomes in pregnancies associated with HIV infection
DR. FIROJA YASMIN	2020-2023	PROF. RUP KAMAL DAS	A study on pregnancy complicated with jaundice with emphasis on fetomaternal outcome
DR. ABANTIKA GHOSH	2020-2023	DR. ANIMESH NASKAR	Intrauterine fetal death and associated maternal risk factors –a prospective study in a tertiary care medical college

DR. SUCHITA MANDAL	2020-2023	DR. APARNA KHAN MANDAL	A Comparative study of fetomaternal outcome in teenage pregnancy versus adult pregnancy
DR. ZUKA BINT KAMAL	2020-2023	DR. TULIKA JHA	Maternal and perinatal outcomes in pregnant teenage women in a tertiary care hospital- a comparative study
DR. PRIYANKA KUMARI	2020-2023	DR. TULIKA JHA	Efficacy of Dienogest versus OCP in Endometriosis- comparative study

DR. SOHINI GHOSH DASTIDAR	2020-2023	DR. SHELLEY SETH	Emergency obstetric hysterectomy –a descriptive prospective observational study
DR. VASUNDHARA JAISWAL	2020-2023	DR. HASIBUL HASAN SHIRAZEE	A prospective comparative study of placental anomalies in between past cases of caesarean section and vaginal delivery

Thesis topics/research in the sessions : 2019-2022

PG Trainee/Research Scholar	Year	Guide(s)	Title
DR. PRANATI KASHYAPI	2019-2022	PROF. DEBDATTA GHOSH	CLOSED INCISION NEGATIVE PRESSURE WOUND THERAPY VS STANDARD SURGICAL DRESSING IN WOMEN WITH CLASS II & CLASS III OBESITY UNDERGOING CAESAREAN SECTION: A RANDOMIZED CLINICAL TRIAL
DR. ANANYA GUPTA	2019-2022	PROF. DEBDATTA GHOSH	ORAL LABETALOL VERSUS ORAL NIFEDIPINE FOR MANAGEMENT OF POST PARTUM HYPERTENSION: A PROSPECTIVE COMPARATIVE STUDY
DR. EMAN ARA	2019-2022	DR. ALOKE KUMAR DE	A STUDY OF HYSTEROLAPAROSCOPIC FINDINGS IN INFERTILE FEMALES ATTENDING OUTDOOR IN A TERTIARY CARE CENTRE: AN OBSERVATIONAL STUDY
DR. NARGIS PARVIN	2019-2022	PROF. NILANJANA CHAUDHURY	MATERNAL AND PERINATAL OUTCOME IN PRETERM PREMATURE RUPTURE OF MEMBRANES
DR. POULOMI ROY	2019-2022	DR. SHYAMAL DASGUPTA	A PROSPECTIVE ANALYTICAL COHORT STUDY OF ADVERSE FETOMATERNAL OUTCOME AMONG OVERWEIGHT AND NORMAL WEIGHT PREGNANT WOMEN WITH TERM SINGLETON PREGNANCY IN A TERTIARY CARE HOSPITAL
DR. PALLABI DAS	2019-2022	DR SHYAMAL DASGUPTA	CHLORHEXIDINE (2.5%)- ALCOHOL VERSUS POVIDINE IODINE (10%) ALCOHOL FOR SURGICAL SITE ANTISEPSIS IN CAESAREAN SECTION IN A TERTIARY CARE HOSPITAL- A PROSPECTIVE OBSERVATIONAL AND ANALYTICAL STUDY

DR. DIPRO SAHA	2019-2022	PROF. ARUP KUMAR MAJHI	A COMPARATIVE ANALYSIS OF OUTCOMES OF PLANNED VERSUS URGENT CAESAREAN DELIVERY APPROACH FOR PLACENTA ACCRETA SPECTRUM DISORDER
DR. ANINDITA MONDAL	2019-2022	PROF. ARUP KUMAR MAJHI	EVALUATION OF PREVALENCE, OUTCOME OF ANEMIA IN PREGNANCY AND ITS FETOMATERNAL OUTCOME
DR. TRISHA CHATTORAJ	2019-2022	DR. APARNA KHAN MANDAL	AMNIOINFUSION IN MECONIUM STAINED LIQUOR: FETAL OUTCOME
DR. SURAJIT GHOSH	2019-2022	DR. SHELLEY SETH	COMPARISON OF FETOMATERNAL OUTCOME OF CAESAREAN SECTION DONE IN FIRST STAGE VS SECOND STAGE OF LABOUR
DR. ALISHA SINGH	2019-2022	DR. ABHIJIT RAKSHIT	A PROSPECTIVE STUDY ON EARLY MID TRIMESTER SERUM TRIGLYCERIDE AS A PREDICTOR OF PREECLAMPSIA IN PREGNANCY
DR. TARANA HOQUE	2019-2022	DR. ABHIJIT RAKSHIT	A COMPARATIVE EVALUATION OF NON-DESCENT VAGINAL HYSTERECTOMY VERSUS TOTAL ABDOMINAL HYSTERECTOMY
DR. ISHITA A. SINHA	2019-2022	DR. RAJENDRA PRASAD GANGULY	RISK BASED STRATIFICATION AND ITS RELATIONS TO IMPROVED DETECTION OF CERVICAL PRECANCERS- A CROSS-SECTIONAL STUDY
DR. NEDA SHAHER	2019-2022	PROF. RAJENDRA PRASAD GANGULY	STUDY OF ANXIETY AND DEPRESSION IN WOMEN REFERRED FOR COLPOSCOPY AFTER AN ABNORMAL CERVICAL SCREENING TEST
DR. SNEHA KUMARI SHAH	2019-2022	PROF. RUPKAMAL DAS	PREDICTION OF EARLY PREGNANCY FAILURE BY USE OF FIRST TRIMESTER ULTRASOUND SCREENING
DR. SUKUMAR SOREN	2019-2022	PROF. RUPKAMAL DAS	ACCEPTABILITY, SAFETY AND COMPLIANCE OF CuT-380A AS A POSTPARTUM INTRA-UTERINE CONTRACEPTIVE DEVICE
DR. PRITILATA SHOW	2019-2022	DR. ANIMESH NASKAR	ASSESSMENT OF CAESAREAN SECTION TRENDS BY USING ROBSON TEN GROUP CLASSIFICATION SYSTEM IN A TERTIARY CARE HOSPITAL
DR. SANGEETA ROY	2019-2022	DR. TULIKA JHA	ORAL VERSUS VAGINAL MISOPROSTOL FOR INDUCTION OF LABOUR

DR.ASIF KAMAL	2019-2022	DR. TULIKA JHA	NON-STEROIDAL ANTI-INFLAMMATORY DRUG ADMINISTRATION AND POSTPARTUM BLOOD PRESSURE IN WOMEN WITH HYPERTENSIVE DISORDERS OF PREGNANCY
DR. SAI SRUTI SITARAMAN	2019-2022	PROF. RUPKAMAL DAS	ADJUNCTIVE POST CAESAREAN ANTIBIOTIC PROPHYLAXIS WITH ORAL CEPHALEXIN AND METRONIDAZOLE: A RANDOMIZED CONTROLLED TRIAL
DR.TUHIN SHUBRA ROY	2019-2022	PROF. RAJENDRA PRASAD GANGULY	AN APPROACH TO EVALUATE THE EFFICACY OF VAGINAL MISOPROSTOL ADMINISTERED FOR RAPID MANAGEMENT OF FIRST TRIMESTER SPONTANEOUS ONSET OF INCOMPLETE ABORTION IN COMPARISON TO SURGICAL PROCEDURE, MANUAL VACUUM ASPIRATION
DR. SAPTAPORNI MAITI	2019-2022	PROF. RUPKAMAL DAS	EVALUATION OF INDICATIONS OF PRIMARY CAESAREAN SECTION IN PRIMIGRAVIDA AND MULTIGRAVIDA- AN OBSERVATIONAL STUDY

Training, Awards, Medals, Certificates

Sl. No	Name	Training	Awards	Medals	Certificate	Seminars	Cme	Workshop
01.	ANANYA GUPTA		YUVA ISAR 2021 3 RD PRIZE IN QUIZ COMPETITION		1. BOGS 45 TH ANNUAL CONFERENCE: certificate of participation 2. YUVACON2021 :certificate of participation 3. EAST ZONE YUVA FOGSI2020 : certificate of participation 4. BASIC COURSE IN BIOMEDICAL RESEARCH: completion certificate 5. WATOG INTERNATIONAL CONFERENCE & TRAINEE'S RESEARCH TALENT HUNT 2021: certificate of participation 6. INTERNATIONAL E WEBINAR by FOGSI, ENDOMETRIOSIS COMMITTEE & SEUD2021: certificate of participation.			
02.	PRANATI KASHYAPI				BASIC COURSE IN BIOMEDICAL RESEARCH: completion certificate			
03.	PALLABI DAS				EAST ZONE YUVA FOGSI 2020 POSTER PRESENTATION			
04.	POULAMI ROY				WATOG INTERNATIONAL CONFERENCE & TRAINEE'S RESEARCH TALENT HUNT 2021: certificate of appreciation for poster presentation			
05	NARGIS PARVIN				EAST ZONE YUVA FOGSI 2020: PAPER PRESENTATION			
06	DIPRO SAHA				YUVACON2021 :certificate of participation			
07	ANINDITA MONDAL				YUVACON2021 :certificate of participation			

08.	ISHITA AMITABH SINHA				CERTIFICATE- OF PARTICIPATION IN THE DR. M. N SARKAR DEBATE COMPETITION AT THE 85 TH FOUNDATION DAY OF BOGS			
09.	ALISHA SINGH				1. East zone YUVA FOGSI : Participation certificate for poster presentation. 2. WATOG International Conference and Trainee's research and talent hunt 2021 : certificate of appreciation for poster presentation. 3. ISAR Quiz for Postgraduate trainees 2021 Finals: certificate of participation. 4. FOGSI PG Training programme : Certificate of participation in PG quiz. 5. BASIC COURSE IN BIOMEDICAL RESEARCH: completion certificate			
10.	SANGEETA ROY		POGS- AMOGS ZONAL CONFERENCE 2021:3rd prize for poster presentation		1.YUVACON 2021 :certificate of participation for paper presentation 2.EAST ZONE YUVA FOGSI 2020 : certificate of appreciation for poster presentation 3.WATOG INTERNATIONAL CONFERENCE & TRAINEE'S RESEARCH TALENT HUNT 2021: certificate of appreciation for poster presentation 4.INTERNATIONAL E WEBINAR by FOGSI, ENDOMETRIOSIS COMMITTEE & SEUD2021: certificate of participation in for quiz, slogan & essay writing competition 5. POGS - AMOGS ZONAL CONFERENCE 2021: certificate of appreciation for poster presentation.			
11.	ASIF KAMAL				1. .EAST ZONE YUVA FOGSI 2020 : certificate of appreciation for poster presentation 2.RCOG EAST ZONE E CONCLAVE 2021:certificate of appreciation for free paper presentation			

12.	TUHIN SUBHRA ROY		EAST ZONE YUVA FOGSI 2020 : 2 nd prize for paper presentation		.YUVACON 2021 :certificate of participation 2.EAST ZONE YUVA FOGSI 2020 : certificate of appreciation for poster presentation 3.WATOG INTERNATIONAL CONFERENCE & TRAINEE'S RESEARCH TALENT HUNT 2021: certificate of appreciation for paper & poster presentation 4.RCOG EAST ZONE E CONCLAVE 2021: certificate of appreciation for free paper presentation 5.INTERNATIONAL E WEBINAR by FOGSI, ENDOMETRIOSIS COMMITTEE & SEUD 2021: certificate of participation in for quiz, slogan & essay writing competition 6. BASIC COURSE IN BIOMEDICAL RESEARCH: completion certificate			
13.	SAI SRUTI SITARAMAN		ISAR 2021 preliminary quiz : second place		Certification course in Basic course in biomedical research organised by National medical council and ICMR East zone YUVA FOGSI : Participation certificate for poster presentation. WATOG International Conference and Trainee's research and talent hunt 2021 : certificate of appreciation for poster presentation. ISAR Quiz for Postgraduate trainees 2021 Finals: certificate of participation. FOGSI PG Training programme : Certificate of participation in PG quiz. West zone YUVA FOGSI – Participation certificate may 28-30 May 2021 Online course certification – COVID 19 Training for health care workers by Stanford University			

Name of Faculties	Conference attended
Dr. Hasibul Hasan Shirazee (Associate Professor)	1. BOGSCON 2019, Kolkata 2. AICOG 2019, Bengaluru 3. BOGSCON 2020, Kolkata 4. AICOG 2020, Lucknow 5. ESHRE Virtual Annual Meet 2020 6. ASRM Virtual Annual conference 2020

Publication from G&O Department (2019-2022)

	Author's Name	Title	Journal	Year	Vol. No	Page No
01.	Prof. Rup Kamal Das	Prevalence of Hypothyroidism in Infertile Women attending a Tertiary Care Centre in West Bengal, India- A Prospective Observational Study	Evd Based Med Healthc,	2021	Vol- 8 Issue 10	556-561
02.	Dr. Shyamal Dasgupta	Study of removal of urethral catheter immediately versus after 12 hr following caesarean section-A prospective randomized controlled trial	Journal of evaluation of medical and dental science	October 07,2019	Vol-8 issue-40	P2996-2999s
	Dr. Shyamal Dasgupta	The different approaches of hysterectomy in benign condition of uterus without utero vaginal prolapse	The New Indian Journal of OBGYN	2021	Vol-8(1)	P95-99
	Dr. Shyamal Dasgupta	Abbreviated (8 hours) versus traditional (24 hours) postpartum Mgs04 prophylaxis in severe preeclampsia –A Randomized control trial	Journal of Clinical and diagnostic research	2021	Vol-15(9)	QC 01-QC04
	Dr. Shyamal Dasgupta	Association between postpartum depression and premenstrual dysphoric disorder in primigravida after electric caesarean section –A prospective cohort study	Journal of Clinical and diagnostic research	2021	Vol-15(11)	QC 01-QC04

03.	Dr. Abhijit Rakshit	Maternal proteinuria in twin pregnancies compared with singleton pregnancies	Indian Journal of perinatology & reproductive biology	2019	Vol.9, issue 2	53-58
	Dr. Abhijit Rakshit	Correlation between obesity & Thyrotropin (TSH) in clinically euthyroid subjects	Journal of evolution of medical & dental sciences	2019	Vol. no. 8, issue 26	2055-58
	Dr. Abhijit Rakshit	Misoprostol for the PREVENTION OF post partum haemorrhage: a randomised controlled trial	Journal of evidence based medicine & healthcare	2019	Vol.6, issue 30	2001-2004
	Dr. Abhijit Rakshit	A randomised controlled trial determining the efficacy of dinoprostone gel for active management of prelabour rupture of membranes at term	Journal of evidence based medicine & healthcare	2020	Vol.7, issue 3	679-683
04.	Dr. Shelley Seth,	Dysmenorrhoea among Adolescent Females Attending a Suburban Medical College in West Bengal, India	Journal of Evolution of Mtl Sciencesedical and Den	2021	Vol- 10 Issue- 29	2171- 2175
	Dr. Shelley Seth	Perinatal outcome of twin pregnancies at a teaching hospital in India	International Journal of Clinical Obstetrics and Gynaecology	2020	Vol- 4 Issue- 1	287- 289

05.	Dr. Animesh Naskar	1.Oral Misoprostol versus Intramuscular Oxytocin in Active Management of Third Stage of Labour –A comparative Study	Journal of Evidence Based Medicine and Health Care JEBMH	February 2019		2349-2562
		2.Comparative Study on Neonatal Outcome between First and Second Twin Babies delivered by Vaginal Route	JEBMH	May ,2019		
		3.Predictive Value of Maternal C-reactive Protein for detection of Histological Chorioamnionitis in women with Prelabor rupture of Membranes	Obs Gyne Review: Journal of Obstetric and Gynaecology	May ,2019		
		4.Study of Microalbuminuria and urinary calcium-creatinine ratio as Predictive indicators of Hypertensive Disorders of Pregnancy	American International Journal of Research in Formal, Applied and Natural Sciences	May,2019		
		5.Clinicopathologic Study of Endometrial Histopathology in perimenopausal Women with Abnormal Uterine Bleeding	American International Journal of Research in Formal, Applied & Natural Sciences	January,2018		
		6.Effect of Pregnancy Weight Gain in normal Weight Women before Conception on Foetomaternal Outcomes	Journal of Evidence Based Medicine And Health Care	June,2016		
06.	Dr. Hasibul Hasan Shirazee	Prevalence of Hypothyroidism in Infertile Women attending a Tertiary Care Centre in West Bengal, India- A Prospective Observational Study	Evd Based Med Healthc,	2021	Vol- 8 Issue 10	556-561

07.	Dr. Anindya Das	Abbreviated (8 hours) versus traditional (24 hours) postpartum Mgs04 prophylaxis in severe preeclampsia –A Randomized control trial	Journal of Clinical and diagnostic research	2021	Vol-15(9)	QC 01-QC04
08.	Dr. Rupali Modak	Evaluation of spot urinary protein – creatinine ratio as a predictor of preeclampsia	International journal of clinical Obstetrics & Gynaecology	2019	Vol- 3(6)	290-293
09.	Dr. Aparna Chakroborty	Effect of pregnancy weight gain in Normal weight women before Conception on etomaterial outcome	Journal of Evidence Based medicine and healthcare	2020	7	390-394
	Dr. Aparna chakroborty	Evaluation of isosorbide-5- Mnonitrate as a cervical ripening agent prior to induced abortion in contrast to misoprostol- a randomized controlled trial	Obstetrics & Gynaecology Science	2019	62	313-321
	Dr. Aparna chakroborty	Perinatal Outcome of preterm Labour with and without prelabour rupture of membranes- An observational study	The New Indian Journal of OBGYN	2020	8	89-94
	Dr. Aparna chakroborty	A Prospective Observational Study of Rate of Expulsion between postplacental vaginal insertion and intracaesarean insertion of Copper –T 380 an Intrauterine Device	IQSR Journal of Dental and Medical Sciences	2019	18	1-5
10.	Dr. Pradip Kumar Saha	Pregnancy Outcome in women with one previous Caesarean Delivery –A Prospective Longitudinal Study in a Peripheral Medical College of West Bengal	Jebmh	2021	Vol-8 issue -21	2349-2570

Service Information

STATISTICS	2020
Obstetrics	
ANC Attendance	33212
Indoor Admission	16024
Total Deliveries	13896
Virginal Deliveries	6220
Caesarean Section	7676
Family Planning	
MTP	455
IUCD	10088
Tubal Ligation	2059
PPIUCD	9692
Gynaecology	
OPD Attendance	29308
Indoor Admission	6455
Major Operations	623
Minor Operations	2013
Endoscopic Surgeries	165

Any Other Information

MMR	219.97
Maternal Death	29
PNMR	61.56
PPTCT	
Counselled	14551
Tested	14471

Department of Medicine

Faculties:

Professors:

1. Prof. Dr. Aniruddha Ray(Prof. and Head)
2. Prof. Dr. Ramtanu Bandyopadhyay
3. Prof. Dr. Jyotirmoy Pal

Associate Professors:

4. Dr. Sandip Ghosh
5. Dr. S. S. Mondal

Assistant Professors:

6. Dr. Prabir Kr Kundu
7. Dr. Suvrendu Shankar Kar
8. Dr. Ritwika Majumdar
9. Dr. Sudipta Bandyopadhyay
10. Dr. Tapan Kr. Biswas
11. Dr. Atanu Chandra
12. Dr. Liton Sarkar
13. Dr. Rajdip Sen

RMO/SR:

1. Dr. Sudip Majumdar
2. Dr. Judhajit Maiti
3. Dr. Tuhin Subhra Sarkar
4. Dr. Durbadal Mohanta
5. Dr. Tanuka Mandal
6. Dr. Dipak Singh
10. Dr. Koushik Basu
11. Dr. Sandipan Banik
12. Dr. Sanjit Mal
13. Dr. Lina Mukhopadhyay
14. Dr. Dipankar Ghosh
15. Dr. Soumya Ghosh
16. Dr. Minahajul Hasan
17. Dr. Asimananda Goldar
18. Dr. Ritoban Halder

Junior Resident: 14 in each year

JR3/ SR:

1. Dr. Debojyoti Ray
2. Dr. Prasun Chatterjee
3. Dr. Rasedul Islam
4. Dr. Neelima Misra
5. Dr. Torsha Chatterjee
6. Dr. Yashpal Yadav
7. Dr. Pratik Ray
8. Dr. Shuvadeep Sarkar
9. Dr. Hafijur Rahaman
10. Dr. Aritra Kr. Ray
11. Dr. Bichitra Biswas
12. Dr. Md. Aminul Islam
13. Dr. Avinash Kr. Prasad
14. Dr. Tarun Kr. Paria

JR2:

15. Dr. Satyaki Basu
16. Dr. Kushal Mallick
17. Dr. Sandipana Paik
18. Dr. Arghyabrata Singha
19. Dr. Souradeep Das
20. Dr. Purbasha Biswas
21. Dr. Anusuya Goswami
22. Dr. Nilanjan Saha
23. Dr. Kaushik Samanta
24. Dr. Tarik Aziz Biswas
25. Dr. Arkaprava Hati
26. Dr. Somnath Murmu
27. Dr. Subhajit Paul
28. Dr. Sumit Rakshit

JR1:

29. Dr. Shaily Jain
30. Dr. Nirmalya Mallick
31. Dr. Mani Shankar Bhattacharjee
32. Dr. Pranay Kr. Sarkar
33. Dr. Srijita Saha
34. Dr. Kundan Singh
35. Dr. Shubhashis Mahata
36. Dr. Biplab Halder
37. Dr. Rakib Shaikh
38. Dr. Swapnil Ghosh
39. Dr. Shelly Majumder
40. Dr. Anshul Tigga
41. Dr. Devanshu Prakash
42. Dr. Kaustav Ali Shah

Research work submitted as thesis topics/research ongoing in the sessions 2019-2022:

PG Trainee/Research Scholar	Year	Guide(s)	Title
Dr. Subhajit Paul	2019-22	Prof. (Dr.) Partha Sarathi Karmakar	Association of thyroid hormones with e-GFR in patients with non-Hemodialyzed advanced chronic kidney disease in a tertiary care hospital
Kaushik Samanta	2019-22	Prof. (Dr.) Jyotirmoy Pal	The clinical spectrum of peripheral and autonomic neuropathy in type 2 diabetes mellitus and its relation with glycemic control
Dr. Tarik Aziz Biswas	2019-22	Prof. (Dr.) Arindam Nag	Impact of glycosylated haemoglobin (HbA1c) on acute coronary syndrome
Dr. Purbasha Biswas	2019-22	Prof. (Dr.) Jyotirmoy Pal	The aetiology, clinical profile and outcome of acute encephalitis syndrome patients – an observational study in a tertiary care hospital in West Bengal
Nilanjan Saha	2019-22	Prof. (Dr.) Partha Sarathi Karmakar	A study of relationship between serum uric acid level and hypertension in a tertiary care hospital in Kolkata
Dr. Satyaki Basu	2019-22	Prof. (Dr.) Aniruddha Ray	The precipitating factors of hepatic encephalopathy in chronic liver disease patients - an observational study in a tertiary care hospital in West Bengal
Dr. Kushal Mallick	2019-22	Prof. (Dr.) Aniruddha Ray	Ecg and echocardiographic changes in chronic kidney disease - an observational study in a tertiary care hospital in West Bengal
Arghabrata Singha	2019-22	Prof. (Dr.) Uday Shankar Ghosh	A study of platelet profile in acute stroke and its correlation with in hospital outcome
Dr. Anasuya Goswami	2019-22	Prof. (Dr.) Uday Sankar Ghosh	A study to measure sexual dysfunction among women of reproductive age group with diabetes mellitus attending the outpatient department of a tertiary care hospital in Kolkata.
Dr. Sandipana Paik	2019-22	Prof. (Dr.) Jyotirmoy Pal	A cross sectional study exploring the pattern of blood pressure variation in admitted patients of cerebrovascular accident with ambulatory blood pressure monitoring before discharge.
Dr. Arkapravo Hati	2019-22	Prof. (Dr.) Partha Sarathi Karmakar	Monitoring of serum amylase and lactate levels as prognostic factors in acute

			paraquat poisoning
Dr. Souradeep Das	2019-22	Prof. (Dr.) Aniruddha Ray	Serum homocysteine levels and severity of coronary artery disease - an observational descriptive study in a tertiary care hospital of West Bengal
Dr. Sumit Rakshit	2019-22	Prof. (Dr.) Sandip Ghosh	A study on prevalence of dyslipidemia in patients with acute decompensated heart failure in a tertiary care hospital in West Bengal
<u>Dr.Somnath Murmu</u>	2019-22	Prof.(Dr.)Uday Shankar Ghosh	Alcoholic chronic liver disease severity co-relation with lipid profile and in hospital outcome in R. G. Kar Medical college and Hospital
Dr. Koustav Ali Shah	2020-23	Prof. (Dr.)Partha Sarathi Karmakar	“Depression and anxiety as risk factors in patients presenting with acute coronary syndrome in a tertiary care hospital”
Dr.Shelly Majumdar	2020-2023	Prof (Dr.)Arindam Nag	A study on spectrum of acute poisoning cases in a tertiary care hospital in West Bengal
Dr. Shubhashis Mahato	2020-23	Prof.(Dr). Jyotirmoy Pal	‘Prevalence of hypertension and its associated risk factors among tribal adults: a cross sectional study in a rural district of eastern India’
Dr. Moni Sankar Bhattacharjee	2020-23	Prof. (Dr.) Jyotirmoy Pal	A prospective, observational study regarding changes of covid-19 immunoglobulin G levels over time following natural infection and vaccination in adults.
Dr. Nirmalya Mallick	2020-23	Prof.(Dr.) Aniruddha Ray	Clinical profile of young onset epilepsy- an observational study in a tertiary care hospital in eastern India
Dr. Rakib Saikh	2020-23	Prof (Dr) Ramtanu Bandyopadhyay	Lipid profile and its correlation with e-GFR in Chronic kidney disease patients.
Dr. Devanshu Prakash	2020-23	Prof. (Dr) Ramtanu Bandyopadhyay	Clinical Profile of Ischemia Stroke Patient admitted in a tertiary care hospital in Kolkata with special reference to CRP level and its role in predicting prognosis
Dr.Swapnil Ghosh	2020-23	Prof.(Dr.) Sandip Ghosh	Prognostic significance of serum Sodium level in patients with acute stroke
Dr. Anshul Tigga	2020-23	Prof. (Dr.) Ramtanu Bandyopadhyay	Study of clinical profile and albuminuria in newly detected Type 2 diabetes mellitus patients and its correlation with HbA1C
Dr. Shailly Jain	2020-23	Prof. (Dr.) Partha Sarathi Karmakar	Comparison between MMSE and IHDS in assessing cognition among HIV patient on HAART and their

			association with CD4 count
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Publications:

Authors' Name	Title	Journal	Year	Vo	Page
Uddalak Chakraborty, Biswajit Banik, Atanu Chandra, Jyotirmoy Pal	An atypical manifestation of lateral medullary syndrome	Oxford Medical Case Reports	2019	12	527-529
Atanu Chandra, Sudipta Bandyopadhyay, Uddalak Chakraborty, Biswajit Banik	Clinical Characteristics of Hospitalized patients with 2019 Novel Coronavirus Infection in tertiary care centres of three states of India	Journal of the Indian Medical Association	2020	118(05)	31-33
Atanu Chandra, Sudipta Bandyopadhyay, Arindam Nag, Tanuka Mandal, Uddalak Chakraborty, Biswajit Banik	Frequency of Comorbidities & their Association with Intensive Care Unit Admission in Hospitalised Patients with 2019 Novel Coronavirus infection in Tertiary Care Centres of Three States of India	Journal of the Indian Medical Association	2020	118(06)	31-34
Swarup Kanta Saha, Goutam Biswas, Partha Sarathi Karmakar, Atanu Chandra, Jyotirmoy Pal, Debashis Dey	A study on association of ankle brachial index in patients with ischemic stroke in a tertiary care hospital in eastern India	Journal of the Indian Medical Association	2020	118(08)	52-55
Uddalak Chakraborty, Tarun Kumar Paria, Purbasha Biswas, Tanuka Mandal, Atanu Chandra	An Atypical Manifestation of Post Streptococcal Glomerulonephritis	Journal of the Indian Medical Association	2020	118(06)	58-59
Uddalak Chakraborty, Atanu Chandra, Purbasha Biswas, Aritra Kumar Ray	COVID-19-associated acute transverse myelitis: A rare entity	BMJ Case Reports	2020	13(8)	238668
Atanu Chandra, Uddalak Chakraborty, Partha Sarathi Karmakar,	Silent hypoxia: a frequently overlooked clinical entity in patients with COVID-19	BMJ Case Reports	2020	13(9)	237207

Jyotirmoy Pal					
Atanu Chandra, Swarup Kanta Saha, Aritra Kumar Ray, Partha Sarathi Karmakar	Rowell's syndrome: a rare but distinct entity in rheumatology	BMJ Case Reports	2020	13(9)	235173
Atanu Chandra, Swarup Kanta Saha, Aritra Kumar Ray, Partha Sarathi Karmakar, Uddalak Chakraborty, Goutam Biswas	Raccoon Eyes in Amyloidosis	Sultan Qaboos University medical journal	2020	20(4)	399-400
Prabir Kumar Kundu, Satyaki Basu, Atanu Chandra, Uddalak Chakraborty	Hypercalcaemia in primary hyperparathyroidism: a rare cause of recurrent acute pancreatitis	BMJ Case Reports	2020	13(12)	237875
Uddalak Chakraborty, Purbasha Biswas, Atanu Chandra, Jyotirmoy Pal, Aritra Kumar Ray	Chik sign: post- chikungunya hyperpigmentation	QJM: monthly journal of the Association of Physicians	2020	114(2)	137-138
Uddalak Chakraborty, Atanu Chandra	Bitot's spots, dry eyes, and night blindness indicate vitamin A deficiency	The Lancet	2021	397(1027 0)	E2
Atanu Chandra, Uddalak Chakraborty	Fever : A Case Based Approach for the Clinicians	Journal of the Indian Medical Association	2021	119(1)	70-75
Atanu Chandra, Aritra Kumar Ray, Arkapravo Hati, Uddalak Chakraborty	Gut Microbiota and Extraintestinal Disorders: Are They Interrelated?	Bengal Physician Journal	2021	7(1)	8-11
Atanu Chandra, Uddalak Chakraborty, Sugata Dasgupta	Anticoagulation in COVID-19: current concepts and controversies	Postgraduate Medical Journal	2021	97	1-8
Atanu Chandra, Aritra Kumar Ray, Arkapravo Hati, Uddalak Chakraborty	Tropical pyomyositis in scrub typhus: a rare association	BMJ Case Reports	2021	14(5)	242565
Atanu Chandra, Swarup Kanta Saha, Tarun Kumar Paria, Arkapravo Hati	COPD : A Case Based Approach to the Clinician in Light of GOLD 2021	Journal of the Indian Medical Association	2021	119(6)	50-55
Atanu Chandra, Moni	Kayser–Fleischer Rings in	New England	2021	385(14)	e46

Shankar Bhattacharjee	Wilson's Disease	Journal of Medicine			
Atanu Chandra, Koustav Ali Shah, Shubhashis Mahato, Moni Shankar Bhattacharjee, Tanuka Mandal	Paraquat poisoning	BMJ Case Reports	2021	14(11)	246585
Dr Soumyajit Mukherjee, Dr Prabir Kumar Kundu, Dr Indira Maisnam, Dr A. K. Mukherjee	Glycemic status and short term outcome in patients with diabetes mellitus admitted with acute macrovascular complication in a tertiary care hospital in India	International Journal of Scientific Research	2021	10 (2)	2277 - 8179
Dr Sourav Sadhukhan, Dr Prabir Kumar Kundu, Dr Sandip Ghosh, Dr Aniruddha Ray	A cross-sectional study of cardiac involvement in systemic lupus Erythematosus in an tertiary care centre with emphasis on 2- D Echocardiography	International Journal of Scientific Research	2021	10 (7)	
Dr. Sumit Roy Tapadar Dr. Anupam Sarkar Prof. (Dr.) Anirudhya Ray	Assessment Of Serum Vitamin D Level In Newly Diagnosed Pulmonary Tuberculosis Cases In A Tertiary Care Government Hospital Of Eastern India.	International Journal of Scientific Research	2019	8(12) December - 2019 PRINT ISSN No. 2277 - 8179 DOI : 10.36106/ijsr	
S. Banik, Sumit Roy Tapadar, Aniruddha Ray, Arunabha Dutta Chaudhuri	A study on pulmonary manifestations of Rheumatoid Arthritis	Journal of Clinical and Diagnostic Research	2018	12(6)	

Service information:

OPD:

General Medicine OPD – 6 days / week

Special OPD

1. **Rheumatology OPD** - Monday
2. **Endocrine OPD** – Wednesday
3. **Diabetes OPD** – Friday
4. **Post COVID clinic** -Saturday

HDU Facility – 10 beds with Multichannel Monitor, HFNO, BiPAP and Ventilator and Defibrillator

Echocardiography – 1 machine for indoor patients

Clinical Activity -

Undergraduate activity – Ward Clinics and Tutorials Maintaining COVID Protocols

Post-Graduates activity – Seminar, Journal Club, Case Presentation

Department of Microbiology

FACULTY:

<u>Name of officer</u>	<u>Post/Designation</u>
• Dr. Mitali Chatterjee	Professor & Head
• Dr. Prabir Kumar Mukhopadhyay	Professor
• Dr. Maitreyi Bandyopadhyay	Professor
• Dr. Reena Ray Ghosh	Professor
• Dr. Bipasa Chakraborty	Assistant Professor
• Dr. Suranjan Pal	Assistant Professor
• Dr. Sangeeta Das Ghosh	Assistant Professor
• Dr. Chakradhar Mandi (Deceased)	Demonstrator
• Dr. Smita Samanta	Demonstrator
• Dr. Sangeeta Pal	Demonstrator

OFFICER DETAILED:

- Dr. Abhra Banerjee Assistant Professor To ID & BG Hospital (April, 2020)

OFFICER TRANSFERRED OUT:

- Dr. Manas Kr. Bandopadhyay Prof. & MSVP Promoted to Principal at Barasat govt. medical college (Aug 2021)

NON TEACHING STAFF:

A) Medical Technologist: Group B & Group C staff -

- Surajit Das, Rahul Soe Mondal, Sheuli Patra, Shaila Sharmeen, Prosenjit Mondal, Sanjay Sarkar, Srabanti Paul, Siddhanta Sankar Roy, Biswajit Sahoo, Sanchita Dasgupta, Abhijit Ghosh, Anupam Jana, Anindita Kundu, Santanu Bera, Rintu Das (Technical officer).

IDSP:

- Mr. Surojit Dutta is working as Executive Assistant

ICTC & CD4 staffs:

- Sukla Pati (ICTC Counsellor), Soumi Debnath (ICTC Counsellor), Sanjay Das (ICTC LT), Rupali Bera (ICTC LT).

COVID lab staff:

- Suvendu Pradhan (Molecular Biologist), Sandipan Bera (DEO), Swapna Kar (Project tech-Mucormycosis), Sanjay Bhattacharya (DEO), Soumik Chakraborty (DEO), Anirban Saha (DEO).

B)Group D staff:

- Debkumar Bhattacharyya (GDA), Abodh K VCishor Thakur (GDA), Jayashree Mukherjee (GDA), Rekha Hela (Sweeper), Sunil Hela (Sweeper), Izhar Ali (GDA), Binapani Batang (Retired), Bhagwan Singh (GDA)(deceased).

C) VRDL Staff:

- Dr. Pratiti Datta (Research Scientist, Med), Rajendra Prasad Chatterjee (Res.Scientist, Non-med.), Manjusha Choudhury (Res. Asstt., Non-med.),Swati ghosh(L.T.), Aditi paul (DEO), Samiran Saha (Multi-tasking staff)

POST- GRADUATE TRAINEES (M.D):

Passed out in 2021: Dr. Gopa Basu (**posted as Senior Resident**), Dr. Indira Roy Mukherjee (**posted as Senior Resident**),Dr. Debdatta Das, Dr. Goutam Sarkar, Dr. Susmita Roy Kundu Dr. Shatabhisa Chakraborty.

3rd. Year (2019-22)

- Dr. Suparno Paul
- Dr. Sharmila Gupta
- Dr. Sameeha Mondal
- Dr. Swagata Banerjee
- Dr. Sahelee Chandra

2nd. Year (2020-23)

- Dr. Soumya Bhattacharjee
- Dr. Tannistha Ray
- Dr. Anindita Mondal
- Dr. Rijwoana Aktar

Regular Academic Activities:

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

DEPARTMENT NEWS:

- Started functioning as a full fledged molecular microbiology lab at 4th floor microbiology since May 2021.
- VRDL was established, and started functioning in April 2020.
- Participants from the dept. received : 1st Prize in Chaired poster session in HISICON 2021Pulmonary actinomyces- a pseudo outbreak experience, Dr Sahelee Chandra
- Organized online CME on Human Influenza: Past, Present and Future aspect of Diagnosis and Management, under the aegis of VRDL, RGKMCH on 04.09.21.
- Participated successfully in EQAs conducted by IAMM and PGIMER.

FACULTY NEWS:

Professor Mitali Chatterjee Acted as

- PI VRDL, RG Kar MCH
- In-charge of COVID lab, RG Kar MCH
- In-charge of SRL(HIV), RG Kar MCH
- As expert of lab related affairs of COVID in West Bengal
- as examiner in MD exam 2021.
- as examiner in 2nd Professional MBBS exam 2021

Professor Prabir Kumar Mukhopadhyay Acted as

- Dean of student affairs, RG Kar MCH
- In-charge Serology division
- as examiner in MD exam 2021.
- as examiner in 2nd Professional MBBS exam 2021

Professor Maitreyi Bandyopadhyay Acted as

- In-charge Bacteriology division
- IDSP Nodal officer of Department of Microbiology
- Participated successfully in Bacteriology and serology EQAS by IAMM
- as examiner in MD exam 2021 in other colleges of our state and outside the state
- as examiner in 2nd Professional MBBS exam 2021 in other colleges of our state and outside the state
- as Co-ordinator of MBBS classes of Microbiology

Professor Reena Ray Ghosh Acted as

- In-charge Mycology division
- PI of Project on Post-COVID Mucormycosis
- Quality Manager of SRL(HIV), RG Kar MCH
- Participated successfully in Mycology EQAS by WHO regional center PGIMER, Chandigarh
- as examiner in MD exam 2021.
- as examiner in 2nd Professional MBBS exam 2021.
- scrutinizer in MD examination (WBUHS)
- as Co-ordinator of MBBS classes of Microbiology

Dr. Purnima Mondal, Acted as

- MOIC of ICTC, RG Kar MCH
- Assistant Super in Ladies Hostel of MBBS students
- Received and successfully completed BCT under NACO,
- Received RBCW training at our institute.
- as reviewer in 2nd Professional MBBS exam 2021.
- as Co-ordinator of Nursing classes of Microbiology
- Also actively involved in teaching MD, MBBS, Nursing, DMLT classes

Dr. Bipasa Chakraborty, Acted as

- In-charge Parasitology division
- Received RBCW training at our institute.
- Received and successfully completed BCBR training under NIE,

- Acted as Co-ordinator of DMLT classes of Microbiology
- Examiner of DMLT,
- Also actively involved in teaching MD,MBBS,Nursing, DMLT classes

Dr. Suranjan Pal, Acted as

- Co-PI of Project on Post-COVID Mucormycosis
- Technical supervisor cum DQM of SRL(HIV), RGKar MCH
- Received and successfully completed BCBR training under NIE,
- Examiner of DMLT
- Also actively involved in teaching MD,MBBS,Nursing, DMLT classes

Dr. Smita Samanta, Acted as

- Scrutinizer in MBBS examination (WBUHS)

CONFERENCE & WORKSHOP ATTENDED:&PAPERS PRESENTED

MICROCON 2019- MUMBAI

1. Effect of verapamil and reserpine on efflux pump mediated quinolone resistance. - a poster presentation, Dr Debdatta Das
2. Quick screening method of detection of drug interaction: a ray of hope for mdr patients, Dr. Shatabhisha Chakrabarti, Dr. S. Kumar, Dr. M. Bandyopadhyay, Dr. M. Chatterjee, Dr. Reena Ray (Ghosh)
3. Minimum inhibitory concentration (MIC) detection within minutes without automation, Dr. Goutam Sarkar, Dr. S. Kumar, Dr. M. Bandyopadhyay, Dr. M. Chatterjee, Dr. M K. Bandyopadhyay
4. Incidence of aac(6')-1b-cr expression in enterobacteriaceae isolates, Dr Gopa Basu
5. Pneumocystis jirivecii pneumonia –atypical clinical case presentation, Dr Susmita Roy Kundu, Dr R Ray (Ghosh), , Dr. M. Chatterjee, Dr P . K. Mukhopadhyay, Dr S Pal, Dr K Dhar

WB- Microcon 2019

1. Status of ziehl neelsen smear result and CBNAAT in tuberculosis diagnosis for extra-pulmonary specimen at tertiary care hospital, kolkata
Authors: Goutam Sarkar, M. Bandyopadhyay, S. Kumar, M. Chatterjee, R. Ray (Ghosh), M K. Bandyopadhyay
2. Detection of synergism or antagonism: a simple and quick screening method
Authors: Dr Shatabhisha Chakrabarti, Dr. M. Bandyopadhyay, Dr.S. Kumar, Dr. R. Ray (Ghosh), Dr. M. Chatterjee, Dr. P. K. Mukhopadhyay
3. Susceptibility of fosfomycin in clinically isolated uropathogens isolated at tertiary care hospital of west bengal
Authors: Dr Indira Roy Mukherjee, S.Kumar ,M. Bandyopadhyay, M. Chatterjee, P. K. Mukhopadhyay, M. K. Bandyopadhyay
4. Speciation of *staphylococcus* isolated from blood cultures in a tertiary care hospital in west bengal
authors: Dr Susmita Ray(Kundu), Dr. M. Bandyopadhyay, Dr S. Kumar, Prof (Dr.) M. Chatterjee, Prof (Dr.) P.K. Mukhopadhyay, Dr. R. Ray (Ghosh)
5. A Mycological study of rhinosinusitis cases attending a tertiary care hospital in Kolkata, *Authors:* Dr Debdatta Das , R Ray (Ghosh) , A. Sengupta , K. Dhar , M. Chatterjee , P.K. Mukhopadhyay
6. *Evaluation of efficacy of hospital supplied disinfectant by “in use “ test.*
Authers : Dr. Gopa Basu, Dr. B Chakraborty, Dr. M Bandyopadhyay, Dr. S Kumar, Prof.(Dr.) M Chatterjee, Dr. R Roy (Ghosh)

7. Seroprevalence of hepatitis c virus infection among patients of a tertiary care hospital in kolkata , for a timespan of one year Dr Sameeha Mandal, Dr. A Sengupta, Dr. M.Chatterjee, Dr. P.K.Mukhopadhyay, Dr. M.Bandhapadhyay , Dr. R. Ray Ghosh
8. Prevalance of surgical site infection in a tertiary care hospital, kolkata(over a period of 5 months) Dr Swagata Banerjee, Dr. Abhishek Sengupta, Dr. M.Chaterjee,Dr. P.K.Mukhopadhyay, Dr. Maitrey Bandhapadhyay, Dr. R. Roy Ghosh
9. Correlation between routine microscopy and culture in urine sample in suspected case of UTI , Dr Sahelee Chandra, Dr. R. Ray Ghosh, Dr. M. Chaterjee, Dr. P.K.Mukhopadhyay, Dr. M. Bandhapadhyay, Dr S Kumar

MYCOCON 2021

1. Pneumocystis jirovecii pneumonia – A series of case reports from a tertiary care hospital in West Bengal , Dr Sameeha Mandal, Prof. (Dr) R.Roy Ghosh, Prof. (Dr) M.Chaterjee , Dr. S Pal
2. Diagnosis of pulmonary aspergilloma as cavitary lesions in the lungs – A series of three cases, Dr Swagata banerjee, Dr. R.Roy.Ghosh, Dr. S Pal
3. Isolation of candida species in respiratory sample of critically ill patients admitted in R. G KAR medical college and hospital, Dr Sahelee Chandra, Dr. R.Roy.Ghosh, Dr. S Pal
4. Clinicomycological profile of candiduria of symptomatic patients in a tertiary care hospital, Dr Sharmila Gupta, Dr. R. Ray Ghosh, Dr. S Pal
5. A retrospective observational study of neonatal candidemia in a tertiary care hospital in west Bengal and antibiogram of fungal isolates, Dr Suparno paul, , Dr. R. Roy Ghosh, Dr. S Pal
6. An unusual presentation of chromomycosis – a case report from a tertiary care hospital, Kolkata, Dr Rijwoana aktar, , Dr. R. Roy Ghosh, Dr. S Pal

HISICON 2021

1. Pseudomonas aeruginosa – a notorious pathogen for critically ill patients on mechanical ventilation., Dr Sameeha mandal ,Prof. Dr. Prabir K. Mukhopadhyay , Prof. Dr. Maitrey Bandhapadhyay, Prof. Dr. Mitali Chatterjee
2. Bacteriological profile and antibiotic sensitivity pattern of organisms causing hospital acquired pneumonia in a tertiary care hospital,Kolkata Dr swagata banerjee, Dr. Maitrey Bandhapadhyay,Dr. Bipasha Chakroborty, Dr. Mitali Chatterjee
3. Pulmonary actinomyces- a pseudo outbreak experience, Dr Sahelee Chandra, Dr. R Roy Ghosh, Dr. S Pal
4. Covid associated bacteriological and mycological infections- a threat to healthcare institution, Dr Sharmila Gupta, , Dr R Roy Ghosh, Dr. S Pal, Dr. M Bandhapadhyay
5. A study on surgical site infection in a tertiary care hospital in west Bengal: aerobic bacteriological profile and their antibiogram , Dr Suparno Paul, Dr. M K Bandhapadhyay
6. A case of actinomycotic brain abcess : diagnostic and therapeutic challenges, Dr Soumya Bhattacharya, , Dr. R Roy Ghosh, Dr. S Pal, Dr. M Chatterjee
7. Post covid mucormycosis—a new spectrum added in pandemic, Dr Tannishtha Roy, Dr. R.Roy.Ghosh
8. Inducible clindamycin Resistance Among Staphylococcus aureus Isolates in a Tertiary Case Hospital, Dr Anindita Mondal, Dr P K Mukhopadhyay
9. Hand hygiene an issue demanding attention among health care personell in a tertiary care hospital, Kolkata. Dr Rijwoana Aktar, Dr. R Roy Ghosh, Dr. S Pal

Antimicrobial stewardship: A re-visit 20-21

1. Antimicrobial mechanism of resistance, Dr Suparno Paul, Dr. M K Bandhapadhyay
2. Amp C β lactamase and ESBL co producing Enterobacter cloacae in orthopaedic wound infection – a case study Dr Anindita Mondal, Dr P K Mukhopadhyay, Dr. M Bandhapadhyay, Dr P Mondal, Dr B Chakraborty
3. Antimicrobial susceptibility testing : the unexpected horizon Dr Sharmila Gupta, Dr. M Bandhapadhyay, Dr S Pal, Dr. M K Bandhapadhyay, Dr S Das Ghosh

MD Thesis submitted in 2019-2020:

<u>PG Trainee</u>	<u>Year</u>	<u>Guide(s)</u>	<u>Title</u>
Dr.Tulika Majumder	2019	Dr Simit Kumar (guide) Dr.Maitreyi Bandyopadhyay(co-guide)	Bacteriological profile and Antibiotic sensitivity Pattern of Organisms causing Urinary Tract Infections in Paediatric patients in a Tertiary care hospital in Kolkata.
Dr. Subhayan Das Gupta	2019	Dr. Maitreyi Bandyopadhyay (guide) Dr.Simit Kumar(co-guide)	A Study of Bacteriological Profile with Antibigram in Cases of Asymptomatic Bacteriuria in Antenatal mothers.
Dr. Rohon Das Roy	2019	Prof(Dr.)Mitali Chatterjee(guide) Dr. Simit Kumar(co-guide)	Study of Resistance Pattern of Mycobacterium tuberculosis Isolates in a tertiary care hospital in Kolkata.
Dr. Anindita Ballav	2019	Dr.Reena Ray (Ghosh)	A Clinico Mycological Study of Dermatophytic Infections and their Susceptibility to Antifungal Drugs in a Tertiary care Hospital in Kolkata.
Dr. Gopa Basu	2020	Dr.(Prof) Maitreyi Bandyopadhyay (guide) Dr.(Prof)Simit Kumar(co-guide)	Microbiological Profile and Antibigram of Bacterial Isolates From Central Venous Catheters in Patients with Suspected Catheter Related Bloodstream Infection with Special Reference to Biofilm Formation.
Dr. Indira Roy Mukherjee	2020	Dr.(Prof) Simit Kumar (guide) Dr(Prof). Maitreyi Bandyopadhyay(co-guide) Dr.(Prof) Debdutta Ghosh (O&G) (co-guide)	Utility of Laboratory Diagnosis for Confirmation of the Syndromic Case Management in case of Reproductive Tract Infections.
Dr. Susmita Ray (Kundu)	2020	Dr(Prof) Prabir Kumar Mukhopadhyay (guide) Dr.(Prof) Rupnarayan Bhattacharya (HOD Plastic Surgery)(co-guide)	A Comparative study on Aerobic bacteriological Profile with Reference to their Antibigram Over the surface and underneath the Granulation tissue of Burn Wound at the time of Autologous Skin Grafting.
Dr. Debdatta Das	2020	Dr.(Prof) Mitali Chatterjee(guide) Dr.(Prof) Reena Ray (Ghosh)(co-guide) Dr. Sudip Kr.Ghosh(Dermatology)(co-guide)	A Clinicoepidemiological and Mycological Study of Onychomycosis attending in a Tertiary Care Hospital in Kolkata

Dr. Shatabhisha Chakrabarti	2020	Dr.(Prof) Reena Ray (Ghosh) (Guide) Dr. Sujoy Roy (co-guide) Dr. Anadi Roychowdhury (co-guide).	A Study on Correlation Between Helicobacter pylori and Chronic gastritis along with the Antibiotic susceptibility of the isolates obtained in a Tertiary care Hospital Kolkata.
Dr. Goutam Sarkar	2020	Dr.(Prof) Manas Kumar Bandopadhyay (Guide) Dr(Prof). Maitreyi Bandyopadhyay(co-guide) Dr. Kanailal Karmakar (co-guide)	Isolation and identification of aerobic bacteria in catheter related bloodstream infection among patients in a tertiary care hospital and their antibiogram profile.

Ongoing Research Works for MD Thesis

PG Trainee	Year	Guide(s)	Title
Dr. Sharmila Gupta	To be submitted in 2021.	Dr.(Prof) Manas Kumar Bandopadhyay (Guide) (co-guide) Dr. Anadi Roychowdhury (co-guide) Dr. Avijit Saha	Correlation of age of patients, haemoglobin level, liver function test, previous history of malaria and relapse/recrudescence rates within one year with malaria parasitaemia in current infection in all patients with MPDA kit positive results in a tertiary care hospital.
Dr. Swagata Banerjee	To be submitted in 2021.	Dr(Prof). Maitreyi Bandyopadhyay(Guide) (co-guide) Dr. Bipasha Chakraborty	A study on biofilm production by uropathogenic E.coli, its virulence factors and antibiotic sensitivity.
Dr. Sameeha Mondal	To be submitted in 2021.	Dr(Prof) Prabir Kumar Mukhopadhyay (Guide)	A study on carbapenemase producing gram-negative, non-fermenting bacteria isolated from different clinical samples in a tertiary care hospital.
Dr. Suparno Paul	To be submitted in 2021.	Dr.(Prof) Manas Kumar Bandopadhyay (Guide) (co-guide) Dr.(Prof) Sugata Dasgupta	A study of antibiogram of aerobic bacterial isolates from patients with special reference to Escape pathogens in intensive care unit set up of a tertiary care government hospital.
Dr. Sahelee Chandra	To be submitted in 2021.	Dr.(Prof)Reena Ray Ghosh(guide) Dr. Indranath Kundu (co-guide) Dr. Suranjan Pal (co-guide)	A study on aerobic microbiological profile of Chronic Suppurative Otitis Media with special reference to antibacterial susceptibility pattern of bacterial isolates in tertiary care hospital in eastern India.
Dr. Soumya	Ongoing	Dr.(Prof) Manas Kumar	Isolation, identification, and antibiotic

Bhattacharjee		Bandopadhyay (Guide) Dr(Prof). Maitreyi Bandyopadhyay(co-guide) Dr. Rajarshi Basu (co-guide).	susceptibility pattern of aerobic bacteria causing postoperative infections among the patients in cardiothoracic vascular surgery unit at R. G. Kar Medical College And Hospital, Kolkata.
Dr. Tannistha Ray	Ongoing	Dr(Prof). Maitreyi Bandyopadhyay(Guide)	Bacteriological profile and antibiotic sensitivity pattern from isolates of neonatal sepsis in term neonates versus preterm neonates in a tertiary care hospital.
Dr. Anindita Mondal	Ongoing	Dr(Prof) Prabir Kumar Mukhopadhyay (guide) Dr. Sunit Hazra (co-guide) Dr. Purnima Mondal (co-guide)	A study on aerobic bacteriological profile (other than mycobacteria) with special reference to their antibiogram in chronically infected orthopedic procedures in a tertiary care hospital.
Dr. Rijwoana Aktar	Ongoing	Dr.(Prof) Reena Ray (Ghosh) (Guide) Dr. Suranjan Pal (co-guide) Dr. Sudip Kumar Ghosh (co-guide)	Clinico mycological profile of tinea corporis with special reference to antifungal susceptibility of the isolates obtained in a tertiary care hospital, kolkata.

Project Work:

- 1) VRDL Project on ‘Establishment of a network of Laboratories for Managing Epidemics and Natural Calamities’. An ICMR-DHR funded Project. PI- Prof. Mitali Chatterjee
- 2) WB GOVT. Dept. of Health & Family Welfare Dept, Medical education Branch Funded project entitled project- **Mucormycosis in post COVID patients attending a tertiary care hospital in West Bengal a Cross sectional study – to assess the magnitude of Mucormycosis in Post COVID patients attending tertiary care hospital in Kolkata.**
PI- Prof. Reena Ray Ghosh.

PUBLICATIONS:

Authors' Name	Title	Journal	Year	Vol. No.	Page No.
Dr. Bipasa Chakraborty, Prof Mitali Chatterjee, Prof Maitreyi Bandyopadhyay, Prof Reena Ray Ghosh, Prof Prabir Kumar Mukhopadhyay, Prof Manas Kumar Bandyopadhyay	A study on burden of Cryptosporidiosis in HIV/ AIDS patients attending ART center of a tertiary care hospital and their clinical presentations, sociodemographic profile and immune status.	Indian Journal of Applied Research	August 2021	11(8)	
Sandip Ghosh, Sangeeta Das Ghosh , Atanu	A Comparative Assessment of the	Journal of the Indian	July	119	34-36

Chandra,Jyotirmoy Pal	Diagnostic Value of Anti-cyclic Citrullinated Peptide Antibodies and Rheumatoid Factor in patients with Rheumatoid Arthritis in a Tertiary Care Hospital	Medical Association	2021		
Pal Suranjan, Kumar Simit, Ghosh Ray Reena, Bandyopadhyay Maitreyi, Chatterjee Mitali.	Clinico-bacteriological Profile of Urinary Tract Infection in Selected Patients of Type 2 Diabetes Mellitus in a Tertiary Care Hospital, Eastern India: An Observational Study	Asian Pacific Journal of Health Sciences	April-June 2021	8(2)	21-25

Tests done in Microbiology Laboratory, RGKARMCH from 01/11/20 – 31/10/21(Total =348301

Test	Nov 20	Dec 20	Jan 21	Feb	Mar	Apr.	May	Jun	Jul	Aug	Sep	Oct 21	Total
Bacteriology=30456													
Urine Cs	612	577	588	592	536	570	592	570	598	566	598	566	6935
Wound Cs	298	303	292	305	386	310	325	291	320	322	301	326	3779
Sputum Cs	172	210	176	155	158	166	172	176	152	170	181	186	2074
Fluid Cs	98	103	99	89	86	98	106	99	119	122	111	107	1237
Blood Cs	170	187	182	176	184	157	162	156	170	166	163	174	2047
Gram Stain	594	586	576	570	610	606	598	556	562	601	592	587	7037
Zn Stain	594	586	576	570	610	606	598	556	562	601	592	587	7037
OTswab Culture	25	20	30	15	30	36	24	34	26	20	30	20	310
Serology and immunology =51316													
HBsAg	1450	1550	1400	1605	1802	1600	1610	2110	2099	2447	2386	2500	24,169
ANTI HCV	1400	1550	1410	1600	1805	1600	1600	2110	2099	2456	2386	2460	22476
DENGUE NS1	296	160	80	87	83	68	49	77	196	267	287	395	1758
DENGUE IgM	140	143	79	90	86	55	21	54	120	149	228	212	1377
CHIKUNGUNYA Ig M	12	6	0	2	1	1	1	1	1	1	2	0	28
ANA	6	5	10	6	6	8	10	16	13	20	14	14	128
WIDAL TEST	50	70	60	55	60	70	75	80	85	111	119	125	960
ASO TITER	16	18	12	18	16	8	8	12	42	17	13	21	201
RPR	8	10	16	16	17	9	17	14	16	16	36	20	195

Scrub Typhus IgM	-	-	-	-	-	-	-	-	-	-	-	24	24
Mycology=2701													
LPCB	12	9	11	8	26	14	5	16	15	29	18	12	175
INDIAN INK	4	3	4	2	6	4	0	7	6	8	5	3	52
GMS	0	0	0	0	0	0	2	8	5	6	3	0	24
PAS	0	0	0	0	0	0	2	8	5	6	3	0	24
KOH MOUNT	27	22	25	31	53	34	7	35	56	147	46	47	530
AFST	20	19	28	10	15	12	6	26	38	45	27	21	267
Germ Tube	20	19	28	10	15	12	6	26	38	45	27	21	267
Culture	46	33	53	40	73	44	18	58	126	237	144	97	969
Gram Stain	26	20	32	15	38	22	9	34	58	73	42	24	393
Parasitology =871													
STOOL OBT	15	20	16	18	15	10	21	17	22	15	20	25	214
STOOL OPC	12	10	20	17	16	8	18	15	15	16	18	20	185
MPDA	18	16	10	10	18	10	12	22	33	37	22	20	228
MP (PBS)	18	16	10	10	18	10	12	22	33	37	22	20	228
MISC*	01	02	01	02	01	01	03	01	00	01	00	02	16
ICTC & CD4= 24528													
ICTC	1611	1813	1809	1742	1624	1093	402	960	1428	1627	1743	1190	17042
CD4 COUNT	386	482	402	383	160	477	110	197	176	189	255	180	3993
HIV viral Load*	116	110	141	257	431	821	952	225	154	150	114	22	3493
Mycobacteriology=4666													
CBNAAT/TRUE NAAT	301	310	220	215	365	330	210	254	256	314	369	509	4491
TB CULTURE	16	23	20	09	18	11	06	12	16	23	14	07	175
Miscellaneous=233763													
Virology (COVID RT PCR)	28960	32300	30300	19200	13750	25500	26100	19850	13600	8050	9300	6833	233743
Molecular biology	-	-	-	-	-	-	-	-	-	-	20	0	20
Molecular mycology													

* done in collaboration with Metropolis lab

N.B.: Tests done in Central Lab in relation to Microbiology during evening & night shift are not included

Department of Ophthalmology

<u>Name</u>	<u>Designation</u>
1. Prof. Manas Bandyopadhyay	Professor & Head
2. Prof. Prasenjit Maiti	Professor
3. Dr. Debajyoti Nanda	Assistant Professor
4. Dr.Pampa Halder	Assistant Professor
5. Dr.Bivas Bala	Assistant Professor
6. Dr. Aparna Mandal	RMO cum Clinical Tutor
7. Dr. DebasisRaychaudhury	Special Medical Officer
8. Dr. Madhavi	Senior Resident
9. Dr. Marpi Bagra	Senior Resident
10. Dr.Parnali Biswas	Senior Resident
11. Dr. Rhine Najnin	Senior Resident
12. Dr Vishwanath Pratap	Post Graduate Trainee
13. Dr. Suranjan Saha	Post Graduate Trainee
14. Dr. Soumi Kanji	Post Graduate Trainee
15. Dr Saikat Biswas	Post Graduate Trainee
16. Dr. Sohel Mamud	Post Graduate Trainee
17. Dr.Oindrila Chakraborty	Post Graduate Trainee
18. Dr. Nayanika Bose	Post Graduate Trainee
19. Tenzing Ongmu Wangyal	Post Graduate Trainee
20. Riya Mitra	Post Graduate Trainee
21. Sutirtha Halder	Post Graduate Trainee
22. Dr Debendra Nath Sarkar	Post Graduate Trainee
23. Dr.Trisha Mondal	House Staff
24. Dr.Subham Das	House Staff
25. Mr. Sunirmal Chakraborty	Medical Technologist Optometry
26. Mr.Dinesh Ghosh	Medical Technologist Optometry
27. Rajkamal Hela	Gr D staff

Research Work carried out at the department during last 3 yrs:

Sl.	PG Trainee	Year	Guides	Title
1	Dr Vishwanath Pratap	2019-2021	Dr Manas Bandyopadhyay (Professor& Head Department Of Ophthalmology) Co Guide- Dr Pampa Halder (Assistant Professor ,Ophthalmology) Dr. Sujay Ray (Associate Professor, Gastroenterology)	-Ocular Manifestations In Patients With Inflammatory Bowel Diseases: A Prospective Observational Study From A Tertiary Care Hospital Of Eastern India.
2.	Dr.Suranjan Saha	2019-21	Prof. Dr Prasenjit Maiti Co guide : Prof Dr. Md. Nazarul Islam	Clinical Study Of Changes In Tear Film Following Manual Small Incision Cataract Surgery And It's Relation To Intraoperative Risk Factors – A Prospective Study
3.	Dr.Soumi Kanji	2019-2021	Guide: Prof. Manas Bandyopadhyay. Co guide : Dr. Pampa Halder.	A comparative study on tearing pattern of preterm and term neonates.
4.	Dr Saikat Biswas	2019-2022	Guide- Dr Debajyoti Nanda Co-guide- Prof Arunabha Datta Chaudhuri	A prospective study of ocular toxicity in patients receiving ethambutol in a tertiary health care hospital in Kolkata, Eastern India.
5.	Dr.SohelMamud	2019 - 2021	Guide: Prof. Prasenjit Maiti Co guide: Dr.Bivasbala	A clinical study of Post operative intraocular pressure rise after small incision cataract surgery in intraindividual comparison of two different ocular viscosurgical devices.
6.	Dr.Oindrila Chakraborty	2020-2022	Guide - Dr.ManasBandopadhyay	Dyslipidemia and the types of Retinal Vein Occlusion :A Descriptive Observational Study in a Tertiary Care Hospital in Eastern India
7.	Dr.Nayanika Bose	2020-2022	Guide - Dr.Debajyoti Nanda, Co-guide - Dr.BivasBala	The Role of Intralesional Triamcinolone acetanide Injection in the Management of Chalazion: A Prospective Clinical Study in a tertiary care hospital of eastern India
8.	Dr.Tenzing Ongmu Wangyal	2020-2022	Guide : Dr Manas Bandyopadhyay Co-guide:Dr P S Karmakar	Ocular Manifestations in Systemic Lupus Erythematosus - A Prospective Observational Study

9.	Dr.Riya Mitra	2020-2022	GUIDE--Dr Debajyoti Nanda	A Comparative Study Of Retinal Changes In Women With Different Categories Of Hypertensive Disorders Of Pregnancy In A Tertiary Care Hospital Of Kolkata.
10.	Dr.Sutirtha Halder	2020-22	Guide : Prof. Prasenjit Maiti	The Prevalence Of Dry Eye And Its Relationship With HbA1C Levels Among Type 2 Diabetic Patients
11.	Dr.Debendra Nath Sarkar	2020-2022	Guide- Dr Prasenjit Maiti Co-Guide- Dr Debojyoti Nanda	Effects of Pterygium Surgery on corneal Astigmatism.
12	Dr.MadhaviSahai	2018-2020	Guide-Manas Bandyopadhyay Co-guide-Pampa Halder	A cross sectional and descriptive study on prevalence and types of Retinal changes in myopic patients at a tertiary care centre in Eastern India
13	Dr.Parnali Biswas	2018-2020	Guide: Dr. Prasenjit Maiti Co-guide: Dr. Pampa Halder	Clinicopathological profile of optic neuritis patients in a tertiary care centre in Kolkata
14	Dr.Marpi Bagra	2018-2020	<u>Guide</u> : Dr. Sabyasachi Bandyopadhyay <u>Co-guide</u> : Dr. Md. Nazarul Islam	cLinical And Epidemiological Characteristics Of Patients With Uveitis In A Tertiary care Hospital In West Bengal
15	Dr. Anirban Das	2018-2020	Guide-Manas Bandyopadhyay Co-guide-Pampa Halder	Evaluation of Visually Impaired Individuals, Registered in a Tertiary care Hospital, From Southern Part of West Bengal,India.
16	Dr. Rhine Najnin	2018-2020	<u>Guide</u> : Dr. Md. Nazarul Islam <u>Co-Guide</u> : Dr. Sabyasachi Bandyopadhyay	Clinical Study of Retinal Changes of Diabetic Patients Undergone Cataract surgery with Pre-existing Diabetic Retinopathy and Without Pre-existing Diabetic Retinopathy in a Tertiary Center of West Bengal

Presentations:

	PG Trainee	Presentation	Program
1	Dr Vishwanath Pratap	Paper-Ocular Manifestation In Inflammatory Bowel Diseases	Dr P K Chatterjee PGT free paper contest 2021,OSWB.
2	Dr.SuranjanSaha	Paper presentation: 1) Topic: An observational study on	Presented at: Dr. P K Chatterjee

		<p>magnitude of ophthalmoscopic changes in Pregnancy Induced Hypertension .</p> <p>2) Topic: Ocular surface and tear film changes after Manual Small Incision Cataract Surgery.</p> <p>E-poster submission</p> <p>3) Topic : Ocular surface and tear film changes after Manual Small Incision Cataract Surgery</p>	<p>PGT free paper contest 2021,</p> <p>OSWB, Kolkata</p> <p>Submitted in : AIOC 2022</p>
3	Dr.Soumi Kanji	<p>Paper presentation:</p> <p>Topic: A comparative study on tearing pattern of preterm and term neonates.</p>	<p>Presented at: Dr. P K Chatterjee</p> <p>PGT free paper contest 2021,OSWB</p>
4	Dr.Saikat Biswas	<p>Paper presented:</p> <p>Topic- A prospective study of ocular toxicity in patients receiving ethambutol in a tertiary health care hospital in Kolkata, eastern India.</p>	<p>Presented at- Dr P K Chatterjee</p> <p>PGT free paper contest 2021,OSWB.</p>
5	Dr.SohelMamud	<p>Paper Presentation :</p> <p>Topic : Analysis of Post MSICS IOP rise with 2%. HPMC and 1%. Sodium hyaluronate OVDS - a compatible study.</p>	<p>Presented at : Dr. P. K. Chatterjee</p> <p>PGT free paper contest 2021, OSWB .</p>
6	Dr.Oindrila Chakraborty	<p>A Descriptive Observational Study on Branch Retinal Vein Occlusion and Dyslipidemia</p>	<p>Sent for AIOC,2022</p>

Publications:

Author's name	Title	Journal	Year	Vol.	Page
Bandyopadhyay S, Ghanta AK, Mandal A.	Patterns of uveitis at a tertiary care hospital in Kolkata, Eastern India;	Sudanese Journal of Ophthalmology	2019	11	54-8.
A Chatterjee , Sabyasachi Bandyopadhyay, S K Bandyopadhyay	Topical Cyclosporine A for Pediatric VKC.	Journal of Ophthalmic Vision Research	2019	14	412-418
Bivas Bala, Viswanath Pratap, Soumi Kanji.	Study of clinical correlation between diabetic retinopathy and diabetic nephropathy-A cross sectional observational study.	Journal of Evidence Based Medicine Healthcare	2021	8(30)	2685-2689
Rhine Najnin, Bivas Bala	Clinical study of retinal changes of diabetic patients undergone cataract	International journal of scientific research	2021	10(3)	1-4

	surgery with preexisting diabetic retinopathy and without preexisting diabetic retinopathy in a tertiary centre of West Bengal				
Dr. Pampa Halder, Dr. Udbuddha Dutta, Dr. Biswadip Ghosh, Dr. Prasenjit Maiti,	A Study of Ophthalmological Manifestations of Rheumatoid Arthritis in Eastern India	International Journal of Scientific Study	2019	7(5)	
Dr. Santanu Sinha Babu, Dr. Prasenjit Maiti (corresponding author), Dr. Md. Nazarul Islam	Childhood Ocular Trauma- An Epidemiological Study in a Tertiary Care Hospital of Eastern India	Journal of Evidence Based Medicine and Healthcare	2019	6(3)	
Halder P, Sinha S, Bandyopadhyay M.	A prospective observational study on retinopathy of prematurity in low birth weight babies at a tertiary care centre of West Bengal :	International journal of scientific study	2019.	7(6)	
Halder P, Madhavi, Bandopadhyay M	Retinal changes in myopic patients at a tertiary care centre in Eastern India	Indian journal of applied research	2021	11	1
Pampa Halder, Samir Kumar Ray, Aditi Roy, Debasis Das	Career plan of junior doctors in a tertiary health care institution of West Bengal	IOSR-Journal of Dental and Medical sciences	2019	18	26-32

Departmental activities:

- Department of ophthalmology conducts daily out-patient service of treating ocular ailments and refraction service, performs major and minor ophthalmic operations, carries out didactic lectures, clinical and tutorial classes for the undergraduate students. Beside that, it runs post graduate course of M.S (ophthalmology) comprising of 6 students per year, for which regular seminars, clinical meetings and journal clubs are being conducted. The post graduate students actively work for patient care both in the O.P.D and operation theatre by the side and under active guidance of the faculties, clinical tutor and senior residents.
- Department of Ophthalmology also conducts screening for Retinopathy of Prematurity (ROP) program in the S.N.C.U along with the Department of Neonatology.

Department of Orthopaedics

- **Faculty :**

- (A) **Faculty at present**

- 1. Dr. Kaushik Banerjee – Professor & HOD
 2. Dr. Sunit Hazra – Associate Professor
 3. Dr. Mainak Chandra – Assistant Professor
 4. Dr. Debojyoti Mukherjee – Assistant Professor

- (B) **Faculty Transferred out during last 1 year:**

- 1. Dr. Sandip Kumar Roy- Professor & HOD
 2. Dr. Hiranmoy Deb – Associate Professor

- **RMO Cum Clinical Tutor :**

- 1. Dr. Arun Kumar Seal
 2. Dr. Rajeev Biswas
 3. Dr. Pawan Rabi Das

- **Medical Officer (Transferred out during last 1 year):**

- 1. Dr. Abhishek Shaw

- **Senior Resident :**

- 1. Dr. Siddhartha Mahapatra
 2. Dr. Manideep Banerjee
 3. Dr. Soumendu Nath
 4. Dr. Avik Kumar Khanra
 5. Dr. Ashish Raj
 6. Dr. Amit Saraf
 7. Dr. Aritra Bidyananda
 8. Dr. Sudripta Mondal
 9. Dr. Archak Roy

- **Post Graduate Trainees :**

- 1. Dr. Raja Saha
 2. Dr. Moni Sankar Chowdhury
 3. Dr. MD Abdullah Sk.
 4. Dr. Munzir Ali Khan
 5. Dr. Debangan Dhar
 6. Dr. Arup Kundu
 7. Dr. Sayak Setua
 8. Dr. Tathagata Bhattacharya
 9. Dr. Rituraj Neog

- **Medical Technologists :**

- 1. Utpal Chaki
 2. Biki Das
 3. Sk. Qamre Alam
 4. Anirban Banerjee
 5. Puja yadav

- **Gr. D Staff :**

- 1. Dinesh Shaw
 2. Shantanu Mitra

Research Projects currently going on in the Orthopaedics Department:

Sl.	Topic	Principal Investigator	Guide /Co- Guide
1.	Comparative Analysis Of Functional And Radiological Outcome In Distal Femur Communitied Fracture With Lateral Plate Vs Bicolumnar Plate	Dr. Munzir Ali Khan	Prof. Sandip Kr Roy/ Dr. Sunit Hazra
2.	Outcome analysis after proximal fibular osteotomy in medial compartment osteoarthritis of knee	Dr. Moni Shankar Chowdhury	Prof. Kaushik Banerjee / Dr. Ranjit Shaw
3	A Comparative Study Of Functional Outcome Of Intra Articular Platelet Rich Plasma Versus Proximal Fibular Osteotomy In Treatment Of Medial Compartment Osteoarthritis Of Knee In Post Menopausal Women	Dr. Raja Saha	Dr. Hiranmay Deb / Dr Debyojoti Mukherjee
4	Comparative Analysis Of Functional Outcome Of Lateral Approach Versus Posterior Approach In Total Hip Arthroplasty	Dr. Md Abdullah Sk.	Dr. Sunit Hazra / Prof. Sandip Kr Roy
5	Accuracy of Lelli's test vs Lachman test with respect to arthroscopic findings in anterior cruciate ligament injuries: A comparative study	Dr. Debangana Dhar	Prof. Kaushik Banerjee/ Dr Mainak Chandra
6	A comparative study on benefit risk analysis of deep venous thrombosis prophylaxis with and without enoxaparin among patients with proximal femoral fractures.	Dr. Arup Kundu	Prof. Kaushik Banerjee / Dr. Mainak Chandra
7	Assessment of clinical and radiological outcome in old traumatic neck of femur fracture fixed with dynamic hip screw with structural bone graft	Dr. Tathagata Bhattacharya	Prof. Sandip Kr Roy/ Dr. Sunit Hazra
8	A comparative study on outcome of fixation versus conservative management using a novel shoulder abduction and external rotation brace in proximal humeral fractures of elderly	Dr. Sayak Setua	Prof. Kaushik Banerjee / Dr. Mainak Chandra
9	A study of the correlation between coronal alignment of knee and axial alignment (femoral condylar rotation) with functional outcome after knee arthroplasty	Dr. Sukanya Palit	Prof. Kaushik Banerjee

- **Awards/Medals / Certificates :**

WBOA quiz 1st position obtained by Dr. Raja Saha and Dr. Munzir Ali Khan will represent west Bengal in IOACON 2021 December in Goa .

Presentation of scientific paper / conference / seminars / workshop / CME etc.

attended: Presentation of scientific paper in MIDCON 11.10.2020

SL.	NAME	TOPIC
1	Dr. Raja Saha	Proximal Humerus Fracture Dislocation
2	Dr. Moni Sankar Chowdhury	Management of pathological fracture shaft of femur due to chronic osteomyelitis done in two stages: A case report
3	Dr. MD Abdullah Sk.	Multistage Treatment of Broken Femur Nail And Broken Long PFN In C/O Subtrochanteric Femur Fracture .
4	Dr. Munzir Ali Khan	Ankle Malunion a Case study

- **Presentation of scientific paper in clinical meeting 28.05. 2021 by Orthopaedics Department under WBOA**

SL	NAME	TOPIC
1	Dr. Raja Saha	Sub Trochanteric Fracture – a Night mere
2	Dr. Munzir Ali Khan	Bilateral hip septic arthritis sequelae
3	Dr. Moni Sankar Chowdhury	Acetabulum fracture – a small change of plan
4	Dr. Tathagata Bhattacharya	Young neck of femur fracture – delayed presentation
5	Dr. Soumendu Nath	Young hip[arthritis – THR
6	Dr.Md.Abdullah sk	Revision THR after primary THR Implant loosening

- **Seminar Participation:**

1. Prof. Sandip kumar Roy :Convenor,E clinical meeting of R G Kar under WBOA - 10.01.2021

2. Prof. Kaushik Banerjee : Convenor, PG TEACHING COMMITTEE, WBOA ; Expert/ Panel member in webinar on OSCE PG Teaching and Assessment- 2020; Faculty, E Clinical meeting Of R G Kar Medical college under WBOA -10.01.2021

3.Dr. Sunit Hazra: Faculty in WBOA Symposium on trochantric fracture JBCTI, Salt lake ,Kolkata- 05.09.2021 ; Bone & Joint day 2021-IOA & WBOA – 04.08.2021 ;

WBOA E-Clinical meeting Hip Pathology Case discussion – 28.05.2021 ; Pelvis & Acetabulem Regional web meeting – Depuy Synthes -13.02.21 ; ICL-WBOA,Vedic Village -20.03.21

4. Dr Mainak Chandra : Member, Scientific Committee WBOA ; faculty E clinical meeting of R G Kar under WBOA - 10.01.2021

Publication:

Sl	Authors' Name	Title	Journal	Year	Vol.	Page
1.	Dr. Kaushik Banerjee ,Dr. Mainak Chandra , Dr. Avik Kumar Khanra	A Comparative Study on the Results of Unstable Trochanteric Fractures of Femur Treated Primarily with Dynamic Hip Screw Plate vs Proximal Femoral Nail	International Journal Dental and Medical Sciences Research	2021	Vol. 3, Issue 3	25-30
2.	Dr. Banamali Samanta, Dr. Ranjit Shaw, Professor (Dr)Kaushik Banerjee, Dr. Md. Emdad Hossain, Dr. Navneet Agarwal	Evaluation of Outcome after Anatomical Reconstruction of Acromioclavicular Ligament and Coracoclavicular Ligament for Acromioclavicular Joint Dislocation	International Journal of Medical Science and Current Research	2021	Vol. 4, Issue 2	594-604
3.	Dr. Ranjit Shaw, Dr. Prabir Kumar Dutta, Dr. Mainak Chandra, Dr.Kaushik Banerjee, Dr. Md Dr. Emdad Hossain	Is Gap Index Better Than Cast Index as a Predictor of Redisplacement of Paediatric Forearm and Extra-Articular Distal Radius Fracture Treated by Plaster Casting	J Evolution Med Dent Sci	2021	Vol. 10, Issue 05	258-263
4.	Dr. Kaushik Banerjee, Dr. Mainak Chandra, Dr. Siddhartha Mahapatra	A Comparative Study on the Results of Distal Radius Intraarticular Fractures Treated Primarily with Volar Locking Plates vs Closed Reduction and Fixation with External Fixator and K-Wires	International Journal Dental and Medical Sciences Research	2021	Vol. 3, Issue 1	993-1000
5.	Dr Rajesh Maji, Dr Md Emdad Hossain, (Dr) Kaushik Banerjee, Dr Ranjit Kumar Shaw	Evaluation of Outcome after Open Latarjet Procedure for Recurrent Dislocation of Shoulder with Significant Glenoid Bone Loss	International Journal of Medical Science and Current Research	2021	Vol. 4 Issue 1	463-469
6.	Dr. Milan Das, Dr. Md. Emdad Hossain, Dr. Kaushik Banerjee, Dr. Ranjit Shaw	A Comparison Of Outcome After Fixation Of Unstable Lateral Third Clavicle Fractures, With Clavicular Hook Plate Versus Precontoured Anatomical Locking Plate	J. Evolution Med.Dent.Sci	2020	Vol.9 Issue 23	
7.	Dr. Debojyoti Mukherjee, Dr. Ranadip Halder,	Core Decompression and Cancellous Bone Grafting for Avascular Necrosis of the Femoral Head – Short Follow Up	Journal of Evaluation of Medical and Dental Sciences	2020	Vol-9' Issue 51	3852-3855
8.	Dr. Debojyoti Mukherjee, Dr. Parasambit Mukherjee, Dr. Soham Mondal	Outcome of Hind Foot Arthrodesis By Expert Hind Foot Arthrodesis Nail	Journal of Evaluation of Medical and Dental Sciences	2020	Vol-9 Issue 52	3900-3903
9.	Dr. Hiranmay Deb, Dr. Parasambit Mukherjee, Dr. Sandip Kumar Roy	A descriptive study of Relationship between Post Tibial slope and Anterior-Cruciate Ligament Injury (ACL)	International Journal of Health and Clinical Research	2021		112-114
10.	Dr Swapan Mandal, Dr Hiranmay Deb, Prof Dilip kr Pal	A Comparative Study between Hybrid External Fixation and Open Reduction Internal Fixation by Plating in Fracture Proximal Tibia	International Journal of Medical Science and Current Research (IJMSCR)	2021	Volume4, Issue 2	925-931

Service Information- OPD, OT, Clinical activity in last 1 year:

- **OPD Total number of patients attended** – 32,364
- **Operations :**
Patients operated in Trauma Centre (Orthopaedics) :Major – 2120
Minor – 611
- **Patients operated in SOT :** Total : 853
- **Arthroscopy Surgery :** 231
- **Joint Replacement Surgery:** 25
- **Pelvis / Acetabular Surgery:** 10
- **Other Orthopaedic Surgery:** 584
- **Clinical Activity:** UG classes as per schedule (online and offline) and regular PG classes in the department .

Department of Pathology

Faculty Members:

SL No.	NAME	DESIGNATION
1	Prof.(Dr.) Tushar Kanti Das	Professor &H.O.D
2	Prof.(Dr.) Anjali Bandyopadhyay	Professor
3	Dr Palash Kr Mandal	Associate Professor
4	Dr Suchismita Chakrabarti	Assistant Professor
5	Dr Urvee sarkar	Assistant Professor
6	Dr Sanghamitra Mukherjee	Assistant Professor
7	Dr Susmita Mukhopadhyay	Assistant Professor
8	Dr Nandini Bhaduri Bhattacharya	Assistant Professor
9	Dr Mrinal Sikder	Assistant Professor
10	Dr Prabhas Sarkar	Demonstrator
11	Dr Sucharita Sarkar	Demonstrator
12	Dr Tanima Ray Mandal	Demonstrator
13	Dr Soma Ghosh	Demonstrator
14	Dr Swagata Mistry	Demonstrator
15	Dr Rena Guha	Demonstrator
16	Dr Bobby Majumder	Demonstrator

Research work held in the department in the sessions 2019-2022:

PG Trainee	year	Guides	Title
DR. MEGHADIPA MANDAL	2018-2021	DR. ANADI ROY CHOWDHURY, DR. SUSMITA MUKHOPADHYAY	KI 67 AND MCM2 EXPRESSION IN EPITHELIAL BREAST CANCERS AND ITS CORRELATION WITH GRADE AND STAGE
DR. VANDANA MAROO	2018-2021	DR. SUCHISMITA CHAKRABARTI, DR. ANADI ROY CHOWDHURY	A STUDY ON ASSOCIATION OF THE EPITHELIAL CHANGES IN THE FALLOPIAN TUBE AND THE EPITHELIAL NEOPLASMS OF OVARY USING p53

DR. SARBASHIS HOTA	2018-2021	PROF DR. TUSHAR KANTI DAS	CLINICO-HISTOPATHOLOGICAL STUDY OF SQUAMOUS CELL CARCINOMA OF CERVIX WITH ANALYSIS ON EXPRESSION OF P16 AND GALECTIN3 IN DIFFERENT VARIANTS IN SELECTED CASES
DR. SUKANYA GHOSH	2018-2021	DR. ANADI ROY CHOWDHURY, DR. PALAS BHATTACHARYYA	COMPARISON OF EZH2 EXPRESSION IN DIFFERENT IMMUNOPHENOTYPES OF BREAST CARCINOMA AND ASSOCIATION WITH STAGING & GRADING
DR. SNEHA	2018-2021	PROF DR. TUSHAR KANTI DAS	IMMUNOHISTOCHEMICAL STUDY OF CYTOKERATIN 5/6 AND ITS CORRELATION WITH ER/PR STATUS IN PROLIFERATIVE PREINVASIVE AND MALIGNANT LESIONS OF BREAST
DR. ANISH KUMAR RAKSHIT	2018-2021		A STUDY TO EVALUATE CD 44 EXPRESSION IN INVASIVE BREAST CARCINOM AND ITS CORRELATION WITH HISTOLOGIC GRADE AND pTNM STAGING

Publications from the department in the sessions 2019-2022:

Authors name	Title	Journal	Year	Vol.	Page
DR. MEGHADIPA MANDAL, DR. ANADI ROY CHOWDHURY, DR. SUSMITA MUKHOPADHYAY	MCM2 EXPRESSION IN DIFFERENT MOLECULAR SUBTYPES OF EPITHELIAL BREAST CANCERS AND ITS ASSOCIATION WITH CLINICOPATHOLOGICAL	JCDR	2021	15	44-47

	PARAMETERS AND KI-67 EXPRESSION				
Hota S, Das T K.	Expression of p16 and Galectin3 in Squamous Cell Carcinoma of Uterine Cervix, in Relation to the Histomorphological Variants: A Cross-sectional Analysis.	JCDR	2021	15(4)	EC07- EC12
Das T K, Mukherjee S, Mahata M, Hota S.	A case series of Neuroendocrine neoplasms of gastrointestinal tract: A Reappraisal of newer concept of the updated WHO classification of neuroendocrine lesions citing a rare & fascinating case of coexisting intestinal tuberculosis.	IJSR	2021	10(3)	
Mahata M, Mukherjee S, Sarbashis	Histological heterogeneity of tumours of female genital tract- an observation from commentary box of a tertiary care hospital in Eastern India. Journal of Medical Science and clinical research	JMSCR	2020	08(01)	665- 673
Sneha, Hota S, Das T K, Ghosh S.	Malignant soft tissue neoplasms, compilation of cases with varying clinical profiles;role of biopsy as an important tool in the roadmap of clinical decision making	IJSR	2021	10(10)	
DR. PALAS KUMAR MANDAL Mandal PK, Adhikari A, Biswas S, Giri A, Gupta A, Bhattacharya A.	Comparison Of Histopathological Grading And Staging Of Breast Cancer With p53-Positive And Transforming Growth Factor-Beta Receptor 2 Negative Immunohistochemical Marker Expression Cases	Cancer Transl Med	2020	6:30-3	
Bhattacharyya N B, Roy Chowdhury A, Mukhopadhyay S, Sneha	A study on the assessment of Galectin-3 expression in colorectal neoplasm and its relationship with tumour stage, in tertiary care hospital, Kolkata	JCDR	2021	15(7)	EC11- EC14

Department of Pediatric Medicine

DESIGNATION

NAME

Professor

- Dr. Tapas Kumar Sabui, Professor and Head.
- Dr. Sabyasachi Som
- Dr. Gobinda Chandra Das

Associate Professor

- Dr. Sibnath Gayen
- Dr. Pranab Kumar Dey

Assistant Professor

- Dr. Abhishek Roy
- Dr. Nilanjan Ghosh
- Dr. Ramesh Chandra Halder
- Dr. Shabarna Roy
- Dr Debasree Guha
- Dr Angshumitra Bandyopadhyay
- Dr. Prativa Biswas
- Dr. Dipanjan Halder

RMO cum Clinical Tutor

- Dr. Partha Sarathi Das
- Dr. Rajesh Sarkar
- Dr. Sharmistha Basu
- Dr. Shibani Pal
- Dr Gopinath Mondal
- Dr Pradip Paria

Senior Resident

- Dr Adrita Bose
- Dr Nituparna saha
- Dr Arpan Dutta
- Dr Milan Mahakal
- Dr Suvamoy Karan
- Dr Shahriar Rahman
- Dr Dipshikha Jana
- Dr Robin Dubey
- Dr Nirjharini Ghosh

Medical Officers

- Dr Subhojit Acharya
- Dr Aritra Batabyal
- Dr Sutirtha Roy

Post graduate trainees

- Dr Alapan Mahapatra
- Dr Madhumita Basu
- Dr Aishwarya Paul
- Dr Asmita Ghosh
- Dr Sharmishtha Chowdhury
- Dr Atithi Ranjan Das
- Dr Md Yasin
- Dr Madhurima Ganguly
- Dr Shreya Dutta
- Dr Arghya Roy Naskar
- Dr Soumyasis De
- Dr Subhasis Dholey
- Dr Pranjali Guhathakurtha
- Dr Ayan Das
- Dr Nairit De
- Dr Shivam Kumar Jha
- Dr Amit Kumar Mondal
- Dr Eshita Das
- Dr Ambika Debbarma
- Dr Sampurna Ray
- Dr Sukanya Deb
- Dr Priti Majumadar

Medical Technologists

- Nahida Khatoon
- Pujan Ganguly
- Ms Mousumi Roy

Group D Staffs

- Mr. Subhas Gond
- Mr. Gopal Oraon

Research work submitted as thesis topics ongoing in the session 2019-2022:.

PG Trainee	Year	Guide(s)	Title
Dr Madhumita Basu	2019-22	Prof T.K Sabui.	Cytokine Profiles in Acute Kawasaki Disease Before and after Immunoglobulin therapy and its relation with Cardiovascular Disease Developments.
Dr Alapan Mahapatra	2019-22	Prof T.K Sabui.	Study to measure complement, immunoglobulin level, subset analysis of lymphocyte and neutrophil function in juvenile idiopathic arthritis.
Dr Aishwarya Paul	2019-22	Prof T.K Sabui.	Validation of Bengali JAMAR.
Dr Soumyasis De	2019-22	Prof. G.C Das	A study on Respiratory Morbidity in babies born before 35 weeks of gestation in a tertiary care hospital in Kolkata
Dr Subhasis Dholey	2019-22	Prof. G.C Das	Assessment of hearing and neurodevelopmental follow up of preterm newborns with gestational age less than 35 weeks at different corrected age till 1 year.
Dr Arghya Roy Naskar	2019-22	Prof. G.C Das	A comparative study on the effects of prone and kangaroo mother care positions on gastric residual volume, vital signs and comfort in preterm neonates.
Dr Shivam Kr Jha	2019-22	Prof. Sabyasachi Som	Cardiovascular malformations in infants of diabetic mother - an observational study
Dr Ambika DebBarma	2019-22	Prof. Sabyasachi Som	Role of procalcitonin in diagnosis and treatment of pediatric community acquired pneumonia in a tertiary care centre of eastern India.
Dr Amit Kumar Mondal	2019-22	Dr Sibnath Gayen	Relation between use of antenatal corticosteroids with neonatal hypoglycemia and hyperbilirubinemia in newborn with gestational age less than 35 weeks.
Dr Eshita Das	2019-22	Dr Sibnath Gayen.	A Study on Association Between Serum Ferritin Level and Echocardiographic Changes of Cardiac Dysfunction in Children with Major Beta Thalassemia.
Dr Md Yasin	2019-22	Dr Pranab Kr. Dey	Comparision of serum magnesium level of children with bronchial asthma during acute exacerbation with in between attacks.

3. Any other research activities, training, awards, medals, certificates etc.

- Department with the help of West Bengal Health and Family Welfare had organized Hands on training on Pediatric and Newborn Covid management for SNCU medical officers and nursing personnel.

4. Presentation of scientific papers/ conference/seminars/CMEs/meetings etc. attended by faculty members, PGTs.

- Prof. Tapas Kumar Sabui, HoD, Pediatrics had participated as a faculty in 4 th West Bengal Pediatric Rheumatology Conference and Conference on Indian Society of Kawasaki Disease.
- Dr Pradip Paria ,DM Ped. Neuro, Clinical Tutor had participated as faculty in Pediatric Neurocon 2021 held in West Bengal.

- Dr Dipsikha Jana and Dr Sahariar Rahaman had presented oral scientific papers in 4 th West Bengal Pediatric Rheumatology Society Conference.
- Dr Dipsikha Jana had participated in Oral paper presentation in 39 th WB Pedicon.
- Six post graduate trainees had presented interesting cases in d IAP, India Platform and West Bengal IAP monthly CMEs.

Publication from the department in the sessions 2019-2022:

Authors	Title	Journal	Year	Vol.	Page
1.Sonali Mitra Partha Pratim Samui, Tapas Kumar Sabui	1.Ultrasound detected changes in joint cartilage thickness in juvenile idiopathic arthritis.	1.IntJ Rheum Dis. 2019.	2019	00	1-8
2.Somosri Ray, Rakesh Mondal And Tapas Kumar Sabui.	2.Extended Sick Neonate Score (ESNS) for Clinical Assessment and Mortality Prediction in Sick Newborns referred to Tertiary Care.	2.Indian Pediatrics	2019	130 (56)	130-133
3.Tapas Kumar sabui	3.Development and initial validation of a composite disease activity score for systemic juvenile idiopathic arthritis.	3.Rheumatology.	2020	59	3505–3514.
4. Avranil Goswami, Tapas Kumar Sabui	4.Bacterial Colonization and Antibiotic Sensitivity Pattern of Inborn and Outborn Neonates in a Tertiary Care Hospital of Kolkata India.	4.Int J Biol Med Res.	2019	10(1)	6616-6622.
5. Debrup Chakladar, Tapas Kumar Sabui.	5.Musculoskeletal manifestations in pediatric patients infected with human immunodeficiency virus: Developing country perspective.	5.Eur J Rheumatol..	2019 Jan.	6(1)	7-11
6.Moumita Samanta, Chiranjib Biswas, Tapas Kumar Sabui.	6.Performance of SNAPPE-II score in neonatal sepsis: an experience from a tertiary care Center.	6.The Turkish Journal of Pediatrics	2020	62	191-198
1.Pranab K Dey, A Ghosh	1.Atypical Presentation of Fulminating Subacute Sclerosing Panencephalitis: A Case Series.	1.Neuropediatrics.	2021	52	52-55
2. Dey Pranab Kumar , Ghosh A.	2.Morbidity Pattern With Treatment Outcome and Predictors of Mortality of Children Admitted to Pediatric Intensive Care Unit in a Peripheral Medical College in India.	2.Acta Med Iranica.	2021	59(8)	491-498

1.Som S, M Irshad, Roy A, Sarkar S.	1.Prevalence of Vitamin D Deficiency in Children with Nephrotic Syndrome in a Tertiary Care Hospital in Eastern India.	1.ScholarsJournal of Applied Medical Sciences.	2019	7(12)	4098-4101
2.Som S, Roy A.	2. Study of electrolyte profile of children between age 6 to 60 months with dehydration due to diarrhea admitted in a Tertiary care hospital.):	2.Global Journal for Research Analysis.	2019	8(6)	
1.DrSibnath Gayen, Dr. ParthaSarathi Das.	1.Clinical Profiling of Neonatal Seizures in a Tertiary Medical center in Eastern India.	IOSR J Dental Medical Sciences	2019	18(5)	16-19
2.Dr Partha Sarathi Das, Dr Sibnath Gayen, Dr. Gobinda Chandra Das	2.Mortality& Morbidity Profile: What the Demography Tells About Neonatal Death.	IOSR J Dental Medical Sciences	2019	18(4)	54-59
3. DrSibnath Gayen, Dr. ParthaSarathi Das.	3.Etiological Profiling of Neonatal Seizures in a Tertiary Care Center IOSR Journal of Dental and Medical Sciences (IOSR-JDMS).Volume 18, Issue 6 Ser. 5 (June. 2019), PP 13-18	IOSR Journal of Dental and Medical Sciences (IOSR-JDMS)	2019	18(6)	13-18

Services information (including OPD, IPD, PICU, SNCU, NICU and Covid care).

- a) Number of patients attended OPD and IPD in last year 18687 and 17356.
- b) 12 bedded PICU with invasive and noninvasive ventilation facility and multipara monitor.
- c) Total births in last one year 13896, all births attended by pediatricians. Neonatology unit with 60 bedded SNCU and 24 bedded NICU with invasive and noninvasive ventilation facility and multipara monitor.
- d) Department has provided pediatric Covid and Non- covid services. Covid services was provided for mild, moderate to severe covid cases and MIS-C cases by newly formed Covid CCU.

Department of Pharmacology

<u>SL NO</u>	<u>NAME</u>	<u>DESIGNATION</u>
1.	Prof (Dr) Tapas Bera	Professor & HOD
2.	Prof (Dr) Lopamudra (Dhar) Chowdhury	Professor
3.	Dr. Swati Bhattacharyya	Professor
4.	Dr. Avijit Ganguly	Assistant Professor
5	Dr. Swapan Mondal	Demonstrator
6	Dr. Sudip Bhar	Demonstrator
7	Dr. Kaushick Misra	Demonstrator
8	Dr. Satrajit Dan	Demonstrator
9	Dr. Ratul Banerjee	Demonstrator
10	Dr. Arijit Ghosh	Senior Resident (2019-2022)
11	Dr. Partha Mondal	Senior Resident (2021-2023)
12	Dr. Debasree Debbarma	Senior Resident (2021-2023)
13	Dr. Sayantan Debnath	Senior Resident (2021-2023)
14	Dr. Asik Ikbāl	Senior Resident (2021-2023)
15	Dr. Ajanta Sarkar	Junior Resident 3
16	Dr. Trideb Kanti Bhattacharya	Junior Resident 2
17	Dr. Romit Chattaraj	Junior Resident 2
18	Dr. Somasree Manna	Junior Resident 2
19	Dr. Gourab Chakraborty	Junior Resident 2
20	Mr. Abhik Saha	PVPI Associate
21	Mr. Tapas Adhikary	General Duty Assistant

Research work submitted as thesis topics/research ongoing in the sessions 2019-2022:

PG Trainee/ Research Scholar	Year	Guide(s)/Co-guide (s)	Title
Dr. Partha Mondal	2020	Dr. Swati Bhattacharyya	A Prospective Observational Study Comparing Efficacy And Safety Of Olanzapine And Risperidone In Patients Of First Episode Schizophrenia In A Tertiary Care Hospital Of Eastern India.

Dr. Debasree Debbarma	2020	Late Prof (Dr) Radharaman De, Dr. Mousumi De	An Prospective Observational Study Comparing Efficacy And Safety Of Brinzolamide Versus Timolol In Patients Of Primary Angle Glaucoma In A Tertiary Care Hospital Of West Bengal
Dr. Ajanta Sarkar	2021	Dr. Mausumi De	A Cross Sectional Observational Study And Analysis Of Adverse Drug Reactions Of Pharmacotherapeutics Used In Inflammatory Bowel Disease In Gastroenterology Department Of Tertiary Care Hospital Of West Bengal
Dr. Trideb Kanti Bhattacharya	2022	Dr. Swati Bhattacharyya, Dr.Sabnam Ara Begum	Biosynthesis And Characterization Of Anti-Arthritic Activity Of Silver Nanoparticles Of Cissus Quadrangularis On Osteoarthritic Rat Knee Model
Dr. Romit Chattaraj	2022	Prof (Dr) Tapas Bera,	An Explorative Study On The Role Of Pueraria Tuberosa In Alleviation Of Symptoms Of Chronic Fatigue Syndrome In Rodent Model
Dr. Somasree Manna	2022	Dr. Mousumi De, Dr. Sarmila Nath	An Explorative Study On Renoprotective And Hypolipidemic Role Of Punica Granatum In Diabetic Rodent Model
Dr. Gourab Chakraborty	2022	Prof (Dr) Tapas Bera, Dr Avijit Ganguly	Characterization And Evaluation Of Renoprotective Effect Of Crataeva Nurvala (Varun Stem Bark)

Any other research activities including projects, research grants, collaboration with other institute, training. awards, medals, certificates etc.

a. List of DST-FIST Instruments

Sl.	Name of the Instrument	Order number	Dt. of purchase
1	Physiograph with computer	RKC/EAS/DST/94/2019	10.08.2018
2	Compact stereo toxic apparatus	RKC/EAS/DST/95/2920	10.08.2018

3	Y maze Apparatus	RKC/EAS/DST/117/4978	23.09.2017
4	Hole board Apparatus	RKC/EAS/DST/116/4977	23.09.2017
5	Open Field Apparatus	RKC/EAS/DST/120/4981	23.09.2017
6	Water maze Apparatus	RKC/EAS/DST/119/4977	23.09.2017
7	Plus maze Apparatus	RKC/EAS/DST/118/4979	23.09.2017
8	Electronic weighing balance	RKC/EAS/DST-FIST/3137	25.05.2017
9	Water Bath	RKC/EAS/47/3734	28.06.2017
10	Magnetic stirrer with hot plate	RKC/EAS/45/3733	28.06.2017
11	pH meter	RKC/EAS/48/3732	28.06.2017
12	Spectrophotometer UV-Vis	RKC/2748/1(5)	14.9.2020
13	BP recorder for small animals (noninvasive)	RKC/3167/1(5)	28.10.2020
14	Ambulatory BP Machine	RKC/3175/1(5)	29.10.2020
15	Gas Anesthesia for small animal	RKC/DST/2751	14.09.2020
16	PFT Machine Computerized Spirometer- Laptop based	RKC/3176/1(5)	29.10.2020
17	Plethysmometer	RKC/2747/1(5)	14.09.2020
18	Inhalation Apparatus for small animal	RKC/DST/RKC/3174/1(5)	29.10.2020
19	Water purification system	RKC/3177/1(5)	29.10.2020

b. Medals & Awards

Sl	Name	Award/ Medal	Description	Year
1	Prof (Dr) Lopamudra (Dhar) Chowdhury	Best poster award	Impact of life style counselling in academic performance of UG medical students; an institution based prospective, cross sectional study. Educational Research Project 9 th Advance Course in Medical Education	Oct 2019- Sept 2020
1	Dr Arijit Ghosh	A K Dhar Memorial Award (IPS West Bengal)	MD Pharmacology Examination 2019 University topper	2020
2.	Dr. Romit Chattaraj	First Prize in Oral Presentation	“Knowledge, Attitude And Practice Of Pharmacovigilance Among The Frontline COVID-19 Healthcare Workers In A Tertiary Care Hospital In West-Bengal” in National conference on “ Drug targets in COVID-19”, Chettinad	28/06/2021

			Hospital and Research Institute	
3	Dr. Somasree Manna	Second Prize in e-Poster Presentation	“A case study on medicine reconciliation in a patient with polypharmacy In A Tertiary Care Hospital In West-Bengal” in Mid-term Conference, Association of Physicians of India	30/04/21-01/05/21
4	Dr. Trideb Kanti Bhattacharya	First Prize in e-poster presentation	“a case report of VILDAGLIPTIN ASSOCIATED BULLOUS PEMPFIGOID” in National Pharmacovigilance week CME events, Dr. Chandramma Dayananda Sagar Institute of Medical Education and Research	17/09/21-23/09/21
5	Dr. Gourab Chakraborty	Second Prize in e-poster	“Nimesulide induced Stevens Johnson Syndrome: Vulnerability at presentation and responded to steroid therapy- Case report” In National Pharmacovigilance week CME events, Dr. Chandramma Dayananda Sagar Institute of Medical Education and Research	17/09/21-23/09/21

Presentation of Scientific paper/ conference / seminars/workshop / CMES/meeting etc. attended by Faculty Members, PGTS, Research Scholars and Scientist.

Name	Activities		
	Conference/workshop/training	Institution/Organizer	Date
Prof (Dr) Lopamudra (Dhar) Chowdhury	Educational project presentation at 9 th ACME	MCI Nodal Center for National Faculty Development, Jawaharlal Nehru Medical college, Sawangi (Meghe), Wardha	27/09/2021
	National Webinar on “Pharmacovigilance: A Step Towards Patient Safety	Department of Pharmacology, All India Institute of Medical Sciences, Patna In collaboration with Indian Pharmacopoeia Commission (IPC),	22/09/21

		Ministry of Health & Family Welfare, Government of India.	
Dr. Mousumi De	CISP	NMC, Nodal Center for Faculty Development, Christian Medical College, Ludhiana, Punjab R.G.Kar Medical College	Aug,2020
	RBCW	NMC, Nodal Center for Faculty Development, Christian Medical College, Ludhiana, Punjab R.G.Kar Medical College	Sept, 2021
Dr. Sabnam Ara Begum	Drug safety and PvPI	Indira Gandhi medical college, Nagpur	29/07/2021
	ICH-GCP E6 (R2), NDCTR 2019 & Safety Reporting, ICMR Guideline 2017 & 2020, Roles and responsibilities of Ethics Committee Members and Compliance to GCP, Audit and Monitoring, Roles and responsibilities of Investigators in Clinical Research	Institutional Ethics Committee, Institute of Child Health, Kolkata	04/08/2021
	RBCW	NMC, Nodal Center for Faculty Development, Christian Medical College, Ludhiana, Punjab R.G.Kar Medical College	Sept, 2021
	Good Clinical Practice and Current regulatory aspects in Conduct of Clinical Research in India	Institutional Ethics Committee, College of Medicine and JNMH, WBUHS, Kalyani & Department of Pharmacology & Community Medicine, College of Medicine and JNMH, WBUHS, Kalyani	25/09/2021
	New Drugs & Clinical Trial (NDCT)	National Accreditation Board for Hospitals & Health Care Providers	29/08/21

	Completed Advanced Course In Medical Education Course for Faculty Development	Christian Medical College, Ludhiana	Nov 2020
Dr. Sarmila Nath	Basic Epidemiology, Statistics, SPSS and Critical Appraisal	Sri Ramchandra Institute of Higher Education	Nov 2020
	RBCW	NMC, Nodal Center for Faculty Development, Christian Medical College, Ludhiana, Punjab R.G.Kar Medical College	Sept, 2021
	ACME	NMC, Nodal Center for Faculty Development, Christian Medical College, Ludhiana, Punjab	2,6, 7/11/20
	29th Annual Conference	IPSWB & Eastern Zonal Colloquium, Kalyani	6/02/20-7/02/21
Dr. Arijit Ghosh	29th Annual Conference	IPSWB & Eastern Zonal Colloquium, Kalyani	6/02/20-7/02/21
	Clinical research & Drug development” PHARMATECH -2021	Seth G.S. Hospital and KEM medical college, Mumbai IPSWB & Eastern Zonal Colloquium, Kalyani	11/08/21-14/08/21
Dr Rahul Ghosh Hazra Dr. Partha Mondal Dr. Debasree Debbarma Dr. Sayantan Debnath Dr. Asik Ikbali	29th Annual Conference	IPSWB & Eastern Zonal Colloquium, Kalyani	6/02/20-7/02/21
Dr. Ajanta Sarkar	29th Annual Conference	IPSWB & Eastern Zonal Colloquium, Kalyani	6/02/20-7/02/21
	ISRPTCon 2019	School Of Tropical Medicine,Kolkata	27/11/2019-30/11/2019
	Advanced Computer Aided Drug Designing And computational Biology	AIIMS,RISHIKESH	2019
	Presented poster on L-Thyroxine induced Maculopapular Rash-A Case Report	World Congress Of Pharmacology 2019 Biogenesis Health Center	28/08/2019-29/08/2019
	Patient safety monitoring in COVID 19	IPGMER & SSKM Hospital , Kolkata	20/07/2020
	FERCICON-2020	PGIMER-Chandigarh	29/11/2020
Dr. Trideb Kanti Bhattacharya	Webinar on Vaccine Safety: Basics to Advanced	Department of Clinical Pharmacy, JSS Medical	19/12/2020

		College and Hospital, Mysuru	
	National e-workshop on handling and experimental pharmacology	Indira Gandhi Institute of Medical Sciences, Patna	29/01/2021
	Virtual Training Program on Good Clinical Practice	Bengal Forum of Clinical Pharmacology and Therapeutics, Kolkata	08/02/2021
	Online National Conference on Drug Targets in covid 19	Department of Pharmacology, Chettinad Hospital and research institute	28/06/2021
	Global Pharmacovigilance Congress on Theme, “Advancement of PV in current decade”	ADR monitoring centre, MKCG Medical College and Hospital, Berhampore, Odisha	10/07/2021- 11/07/2021
	Webinar on Awareness of PVPI	Indira Gandhi Government Medical college, Nagpur	29/07/2021
	Webinar on Patient Safety during National Pharmacovigilance week	Department of Clinical Pharmacy, JSS Medical College and Hospital, Mysuru	17/07/2021- 23/07/2021
Dr. Romit Chattaraj	Patient safety monitoring in COVID 19	IPGMER & SSKM Hospital , Kolkata	20/07/2020
	FERCICON-2020	PGIMER-Chandigarh	29/11/2020
	National workshop on handling and experimental pharmacology	IGIMS , Patna	29/01/2021
	How to write thesis protocol	R.G. Kar Medical College and Hospital Kolkata	2021
	Drug Targets in covid 19	Chettinad Hospital and research institute	28/06/2021
	Drug safety and PvPI	Indira Gandhi medical college, Nagpur	29/07/2021
	National Pharmacovigilance week	CDSIMER , Karnataka	17/07/2021- 23/07/2021
	PHARMATECH -2021	Seth G.S. Hospital and KEM medical college, Mumbai	07/08/2021- 21/08/2021
	FERCICON-2020	PGIMER-Chandigarh	29/11/2020
Dr. Somasree Manna	Patient safety monitoring in COVID 19	IPGMER & SSKM Hospital , Kolkata	20/07/2020
	National workshop on handling and experimental pharmacology	IGIMS , Patna	29/01/2021
	How to write thesis protocol	R.G. Kar Medical College and Hospital	2021

		Kolkata	
	Drug Targets in covid 19	Chettinad Hospital and research institute	28/06/2021
	Drug safety and PvPI	Indira Gandhi medical college, Nagpur	29/07/2021
	National Pharmacovigilance week	CDSIMER , Karnataka	17/07/2021-23/07/2021
	PHARMATECH -2021	Seth G.S. Hospital and KEM medical college, Mumbai	07/08/2021-21/08/2021
	Mid-term Conference	API,RGKar medical College	30/04/21-01/05/21
	Good clinical practice	Clinical pharmacologist of India and Invocare health soft solution	6/09/2020-7/09/2020

Publication from the department in the sessions 2019-2022:

Author's Name	Title	Journal	Year	Vol	Page
Dr.Amit Kumar GhoshDr.Mausumi DeDr.Ajanta Sarkar	Prescription Pattern In Pregnant Women In A Tertiary Care Hospital Of West Bengal	Journal Of Evidence Based Medicine Health	2019	6 (48)	3013-16
Dr.Amit Kumar Ghosh Dr.Ajanta Sarkar	L-Thyroxine induced Maculopapular Rash- A Case Report	International Journal of Pharmaceutical Chemistry and Analysis	2019	6(3)	85-7
Dr. Sabnam Ara Begum	NSAIDS induced cutaneous adverse drug reaction – a case series	International Journal of Health and Clinical Research	2020	----	----
Dr. Sabnam Ara Begum	Re-exploring Saliva as an Analyte in Estimation of Lithium in Stable Bipolar Patients – A Pilot Study in a Tertiary Care Hospital in West Bengal	Asian Pacific journal of Health Sciences	2020	---	----
Dr. Sabnam Ara Begum	A randomized open label comparative study on efficacy of ultrasonography guided vis a vis anatomical landmark guided genicular nerve block in knee osteoarthritis in a tertiary care hospital in Eastern India	International Journal of Health and Clinical Research	2020	--	---
Dr. Sabnam Ara	Relative safety of steroid	International	2020	-	-

Begum	sparing agents in frequently relapsing, steroid dependent and steroid resistant nephrotic syndrome in pediatric patients	Journal of Contemporary Pediatrics			
Prof (Dr) Lopamudra (Dhar) Chowdhury	Effect of Counselling on the Mental Status of Undergraduate Medical Students During the Pandemic — A Prospective Quasi-experimental Study at a District Medical College of West Bengal	Journal of the Indian Medical Association (JIMA)	2021	119 (4)	14-18
Dr. Sarmila Nath, Dr. Swati Bhattacharyya, Dr. Pallavi Preetinanda	Perception of Students and Faculties towards Implementation of Concept Mapping in Pharmacology: A Cross-sectional Interventional Study.	Journal of Clinical & Diagnostic Research (JCDR)	2021	15(4)	8-13
Dr. Swati Bhattacharyya	Enumerate chlorogenic acid in different forms of coffee by simple high performance thin layer chromatographic method	World Journal of Advanced Research and Reviews	2021	09(02)	120-126
Dr. Swati Bhattacharyya Dr. Sabnam Ara Begum Dr. Rahul Ghosh Hazra	Revisiting the role on antiepileptic drugs in idiopathic childhood epilepsy- an observational outcomes study in Eastern India	International Journal of Health and Clinical Research (IJHCR)	2021	4(5)	272-275
Dr. Swati Bhattacharyya Dr. Sabnam Ara Begum	A Questionnaire based study on practice and safety concerns of hydroxyethyl starch as fluid management among Critical Care Physicians, Gynecologists and Surgeons in India	IJHCR	2021	4(6)	51-54
Dr. Swati Bhattacharyya Dr. Sabnam Ara Begum Dr. Arijit Ghosh Dr. Romit Chattaraj Mr. Abhik Saha	A prospective observational pilot study on medication reconciliation in a tertiary care hospital in West Bengal	IJHCR	2021	4(5)	149-153

Dr. Sarmila Nath	Sildenafil citrate therapy in intrauterine growth restriction with oligohydramnios	IJHCR	2021	4(4)	123-126
Dr. Sabnam Ara Begum	A Study on Knowledge of COVID-19 and Practice of Preventive Measures Among Healthy Pregnant Women Attending a Tertiary Care Hospital in Eastern India	IJHCR	2021	4(3)	164-168
Dr. Debasree Debbarma Dr. Arijit Ghosh	An Outcome Based Exploration of Pharmacotherapeutics in Chronic Mechanical Non-Specific Low Back Pain (CNLSBP) Patients in Tertiary Care Hospital	IJHCR	2021	4(14)	36-40
Dr. Sarmila Nath Dr. Swati Bhattacharyya	Emergency contraceptive use awareness among nursing students in two tertiary care hospitals in Eastern India	Annals of Community Health	2021	9(3)	--

Service Information:

Sl	Service
1	Therapeutic Clinic (Every Saturday, OPD complex 1 st Floor, Room no 201)
2.	Adverse Drug Reaction Monitoring Center (Academic Building, 2 nd Floor)

Department of Physical Medicine & Rehabilitation

Teaching Staff in the department:

Designation	Number	Name
Professor	1	Prof. (Dr.) Pallab Das
Addl/Assoc Professor	1	Dr. Aniketa Banerjee
Asst Professor	1	Dr. Soumyadipta Ghosh
RMO cum Clinical Tutor	4	Dr. Keshab Mondal Dr. Sandipan Hazra Dr. Chandrasekhar Murmu Dr.Mithun Roy
Senior Resident	1	Dr. Ishita Dey
Senior Resident (in bond service)	2	Dr. Sagnik Mukherjee Dr. Debojyoti Ghosh

Post graduate trainee in the department of PMR :

Designation	Number	Name
3rd year	2	Dr. Abdul Mokit Dr. Piu Dhua
2nd year	3	Dr. Harajit Biswas Dr. Prasenjit Chowley Dr. Ankita Singha Roy
1st year	Not yet joined	Not yet joined

Non-teaching Staff in the department:

Sl.No.	Name	Designation
1	Mr. Bidyut Kumar Ray	Physiotherapist
	Mr. Debasish Panja	-do-
	Mr. Tirthankar Dutta Gupta	-do-
	Mrs. Kanchan Jaiswal Banerjee	-do-
2	Mr. Rabi Shankar Dasgupta	UDC
3	Mr. Jagannath Maity	GDA
	Mr. Rabindranath Dey	-do-
4	Sri Sanjit Kr Sarkar	Storekeeper
5	Sri Munna Hela	Karmabandhu

Research work submitted as thesis topic :

PG Trainee / Research scholar	Year	Guide(s)	Title
Dr. Dipon Maschatak	2018-2021	Prof. (Dr.) Pankaj Kumar Mandal	A comparative study between the effects of hydrodilatation and intraarticular steroid injection in the management of adhesive capsulitis
Dr. Debojyoti Ghosh	2018-2021	Prof. (Dr.) Pankaj Kumar Mandal Prof. (Dr.) Dipasri Bhattacharya	A comparative study to compare the effects of fluoroscopy vs usg guided intra-articular sacro-iliac joint injection in spondyloarthropathies
Dr. Sagnik Mukherjee	2018-2021	Prof. (Dr.) Pankaj Kumar Mandal Dr. Patha Dasgupta	A study to assess the effects of intercostobrachial nerve block in patients with post-mastectomy pain syndrome
Dr. Piu Dhua	2019-2022	Prof. (Dr.) Pallab Das Dr. Soumyadipta Ghosh	A study to assess the efficacy of electrical stimulation in the management of Bell's Palsy
Dr. Abdul Mokit	2019-2022	Prof. (Dr.) Pallab Das Prof. (Dr.)	A study on validity and visibility of low cost outdoor and home based pulmonary rehabilitation programme in developing countries
Dr. Harajit Biswas	2020-2023	Dr. Aniketa Banerjee Prof. (Dr.) Pallab Das Dr. Soumyadipta	A Comparative study to assess the efficacy between local injection of PRP and local corticosteroid injection in lateral epicondylitis

		Ghosh	
Dr. Prasenjit Chowley	2020-2023	Prof. (Dr.) Pallab Das Dr. Aniketa Banerjee Dr. Soumyadipta Ghosh	A Comparative study to assess the efficacy between local injection of PRP and local corticosteroid injection in DQ tenosynovitis
Dr. Ankita Singha Roy	2020-2023	Prof. (Dr.) Pallab Das Dr. Aniketa Banerjee Dr. Soumyadipta Ghosh	A study to Compare efficacy of intraarticular hyaluronic acid versus intraarticular hyaluronic acid plus Ketorolac in the management of osteoarthritis knee

Other projects :

Non funded project : Hazra S, Sahu S, Nayak PP, Sarkar K, Srikumar V, Handa G : Brain activation in chronic nonspecific low back pain : a systemic review and ALE metanalysis . Under review for publication

Presentation of scientific paper / conference / seminars/ workshop/ CMEs/ meeting by faculty members :

- A. Hazra S, Sahu S, Nayak PP, Sarkar K, Srikumar V, Handa G : Brain activation in chronic nonspecific low back pain : 23rd annual conference of West Bengal Branch of All India Association of Physical Medicine and Rehabilitation, 23rd March , 2021, Kolkata
- B. Dr. Ankita Singha Roy , Dr. Soumyadipta Ghosh, Dr. Aniketa Banerjee, Prof. (Dr.) Pallab Das : Tietz syndrome in a young female resistant to conservative management : a rare case report : 23rd annual conference of West Bengal Branch of All India Association of Physical Medicine and Rehabilitation, 23rd March , 2021, Kolkata
- C. Dr. Abdul Mokit , Dr. Soumyadipta Ghosh, Dr. Aniketa Banerjee, Prof. (Dr.) Pallab Das : Tietz syndrome in a young female resistant to conservative management : a rare case report : 23rd annual conference of West Bengal Branch of All India Association of Physical Medicine and Rehabilitation, 23rd March , 2021, Kolkata
- D. Dr. Abdul Mokit , Dr. Soumyadipta Ghosh, Dr. Aniketa Banerjee, Prof. (Dr.) Pallab Das: Hirayama's disease in a young India male- A rare case report: 23rd annual conference of West Bengal Branch of All India Association of Physical Medicine and Rehabilitation, 23rd March , 2021, Kolkata
- E. Dr. Piu Dhua, Dr. Soumyadipta Ghosh, Dr. Aniketa Banerjee, Prof. (Dr.) Pallab Das: Charcot Marie Tooth Disease in a young male – a rare case report: 23rd annual conference of West Bengal Branch of All India Association of Physical Medicine and Rehabilitation, 23rd March , 2021, Kolkata

- F. Dr. Debojyoti Ghosh, Prof. (Dr.) Pankaj Kumar Mandal Prof. (Dr.) Dipasri Bhattacharya: A comparative study to compare the effects of fluoroscopy vs USG guided intra-articular sacro-iliac joint injection in spondyloarthropathies: 48th annual conference of All India Association of Physical Medicine and Rehabilitation, 17th January, 2020, Kozhikode
- G. Dr. Debojyoti Ghosh, Prof. (Dr.) Pankaj Kumar Mandal Prof. (Dr.) Dipasri Bhattacharya: A comparative study to compare the effects of fluoroscopy vs USG guided intra-articular sacro-iliac joint injection in spondyloarthropathies: 48th annual conference of All India Association of Physical Medicine and Rehabilitation, 17th January, 2020, Kozhikode
- H. Dr. Dipon Maschatak, Dr. Shibasis Sasmal, Prof. (Dr.) Pankaj Kumar Mandal: Unilateral painful chronic axillary and subclavian vein thrombosis in a young Indian Male - Paget Schroetter disease a rare case report: 48th annual conference of All India Association of Physical Medicine and Rehabilitation, 17th January, 2020, Kozhikode
- I. Dr. Sagnik Mukherjee, Dr. Shibasis Sasmal, Prof. (Dr.) Pankaj Kumar Mandal: A study to assess the clinical effect of intercostals nerve block in primary costosternal syndrome: 48th annual conference of All India Association of Physical Medicine and Rehabilitation, 17th January, 2020, Kozhikode
- J. Dr. Dipon Maschatak, Dr. Shibasis Sasmal, Prof. (Dr.) Pankaj Kumar Mandal: Unilateral painful chronic axillary and subclavian vein thrombosis in a young Indian Male - Paget Schroetter disease a rare case report : West Bengal state conference of Physical Medicine and Rehabilitation, 29th February, 2020, Kolkata
- K. Dr. Sagnik Mukherjee, Dr. Shibasis Sasmal, Prof. (Dr.) Pankaj Kumar Mandal: A study to assess the clinical effect of intercostals nerve block in primary costosternal syndrome : West Bengal state conference of Physical Medicine and Rehabilitation, 29th February, 2020, Kolkata
- L. Dr. Piu Dhua, Dr. Soumyadip Ghosh, Dr. Aniketa Banerjee, Prof. (Dr.) Pallab Das: Unilateral painful Os Trigonum Syndrome in an Indian housewife- A rare case report: West Bengal state conference of Physical Medicine and Rehabilitation, 29th February, 2020, Kolkata
- M. Dr. Sagnik Mukherjee, Dr. Shibasis Sasmal, Prof. (Dr.) Pankaj Kumar Mandal: Klippel feil syndrome with Ankylosing Spondylitis in a middle aged Indian Male a rare case report: 47th annual conference of All India Association of Physical Medicine and Rehabilitation, 18th January, 2019, Mumbai

Services provided by the department of PMR:

Particulars	Year 2019	Year 2020	Year 2020 (till October 2021)
Total number of patients in OPD	108988	68703	75155
Total number of patients in IPD	20	10	15
Total number of Major operations	NA	NA	NA
Total number of Minor procedures	90	60	55
Total number of Day care procedures	1457	504	530

6. Investigative Workload of entire hospital and Department of PMR

Particulars		Year 2019	Year 2020	Year 2020 (till October 2021)
Radio-diagnosis	MRI	6500	4000	4200
	CT	604	440	420
	USG	4575	3589	4212
	Plain X-rays	12400	8452	9658
	IVP/Barium etc.	350	100	300
	Mammography	19	9	11
	DSA	6	2	3
	CT guided FNAC	8	12	15
	USG guided FNAC	9	5	7
Pathology	Histopathology	2643	1986	2137
	Cytopathology	115	55	81
	Hematology	28260	19642	23384
Biochemistry		35946	28643	31781
Microbiology		28412	22345	24159

Department of Physiology

Details of Faculties & PGTs:

<u>Sl.</u>	<u>Name</u>	<u>Designation</u>	<u>Qualification</u>
1.	Prof.Dr.Bulbul Mukhopadhyay	Professor and HOD	MBBS,MD
2.	Prof. Dr. Sanjay Vashisth	Professor and MSVP	MBBS,MD
3.	Dr Jayanta Bhattacharya	Associate Professor	MBBS,MD
4.	Dr Sonali Majumdar (Das)	Associate Professor	MBBS,MD
5.	Dr Joyashree Banerjee	Associate Professor	MBBS,MD
6.	Dr. Basumita Sinha (Guchhait)	Associate Professor	MBBS,MD
7.	Dr Suranjan Banerjee	Assistant Professor	MBBS,MD
8.	Dr Debajyoti Das	Assistant Professor	MBBS,MD
9.	Dr. Madhumita De	Assistant Professor	MBBS,MD
10.	Dr.Ruma Seal	Demonstrator	MBBS
11.	Dr Dhananjoy Mondal	Demonstrator	MBBS,MD
12.	Dr. Kaustuv Banerjee	Demonstrator	MBBS
13.	Dr. Sharmistha Sinha Biswas	Demonstrator	MBBS, DGO
14.	Dr. Hossain Sheikh Asik	Demonstrator	MBBS,MD
15.	Dr. Rajarshi Ray	Demonstrator	MBBS,MD
16.	Dr. Shubhra Bhattacharya	Demonstrator	MBBS,MD
17.	Dr Somsubhra Sarkar	Senior Resident	MBBS,MD
18.	Dr Parikshit Mullick	Senior Resident	MBBS,DTMH,MD
19.	Dr Julfa Khatun	Senior Resident	MBBS,MD
20.	Dr Ankita Rana	Final Year PGT	MBBS
21.	Dr Rahul Ray	Final Year PGT	MBBS,DIH
22.	Dr Priyanka Banerjee	Final Year PGT	MBBS
23.	Dr Pritam Kayal	Final Year PGT	MBBS
24.	Dr. Shayan Kumar Biswas	1 st Year PGT	MBBS
25.	Dr. Debabrata De	1 st Year PGT	MBBS
26.	Dr. Tuhin Adhikary	1 st Year PGT	MBBS
27.	Dr. Sagar Das	1 st Year PGT	MBBS

Names of Medical Technologists and group D staffs:

NAMES

- Apurba Maity
- Shyamal Ghosh
- Tapan Mondal
- Goutam Bhattacharya
- Shyam Hela
- Aloka Kampti
- Paresh Hela

DESIGNATION

Medical Technologist
Medical Technologist
GDA
GDA
GDA
GDA
GDA

Details of R&D activities:

SL.	Title of the R&D project	Duration (years)		Name of Funding Agency	Budgeted Project Cost	Status: Completed/ Ongoing/ Proposed
		From	To			
1.	<p>A STUDY OF ASSOCIATION BETWEEN SHORT TERM HEART RATE VARIABILITY AND DISEASE SEVERITY IN CHRONIC OBSTRUCTIVE PULMONARY DISEASE PATIENTS IN A TERTIARY CARE HOSPITAL, KOLKATA, WEST BENGAL</p> <ul style="list-style-type: none"> - DR SOMSUBHRA SARKAR - DR SANJAY VASHISTH (GUIDE) - DR JAYANTA BHATTACHARYA (CO-GUIDE) - DR SURANJAN BANERJEE (CO-GUIDE) 	2018	2021	NA	NA	COMPLETED
2.	<p>THE STUDY OF VISUAL EVOKED POTENTIAL (VEP) IN ADULT HYPOTHYROID PATIENTS IN A TERTIARY CARE HOSPITAL IN KOLKATA: A CROSS-SECTIONAL STUDY</p> <ul style="list-style-type: none"> - DR. JULFA KHATUN - DR SONALI MAJUMDAR (DAS) (GUIDE) 	2018	2021	NA	NA	COMPLETED
3.	<p>NERVE CONDUCTION STUDY ON PATIENTS WITH HANSEN'S DISEASE IN A TERTIARY CARE HOSPITAL OF KOLKATA : A CROSS-SECTIONAL STUDY</p> <ul style="list-style-type: none"> - DR. JOYASHREE BANERJEE (GUIDE) - DR. PARIKSHIT MULLICK 	2018	2021	NA	NA	COMPLETED

4.	ICMR PROJECT STS : SHORT TERM HRV: AN INDICATION OF CARDIOVASCULAR FITNESS AMONG YOUNG MBBS STUDENTS IN A TERTIARY CARE INSTITUTE, KOLKATA, WEST BENGAL - DR JAYANTA BHATTACHARYA	2019	2020	NA	NA	COMPLETED
5.	SHORT TERM HEART RATE VARIABILITY AMONG PATIENTS WITH NEWLY DIAGNOSED TYPE 2 DIABETES MELLITUS - DR. PRIYANKA BANERJEE - DR. JAYANTA BHATTARCHARYA (GUIDE)	2019	2022	NA	NA	ONGOING
6.	STUDY OF TONE BURST AUDITORY BRAINSTEM RESPONSE AMONG THE INFANTS (PRETERM) - DR. ANKITA RANA - DR. SONALI MAJUMDAR (DAS) (GUIDE)	2019	2022	NA	NA	ONGOING
7.	ELECTROPHYSIOLOGICAL EVALUATION OF CENTRAL NEUROPATHY IN STABLE CHRONIC OBSTRUCTIVE PULMONARY DISEASE PATIENTS - DR RAHUL RAY - DR SANJAY VASHISTH (GUIDE)	2019	2022	NA	NA	ONGOING
8.	PROSPECTIVE STUDY ON ASSOCIATION OF MALE INFERTILITY WITH NON-COMMUNICABLE DISEASES IN A TERTIARY CARE HOSPITAL OF KOLKATA: A CROSS-SECTIONAL STUDY - DR PRITAM KAYAL - PROF. DR. BULBUL	2019	2022	NA	NA	ONGOING

	MUKHOPADHYAY (GUIDE)					
9.	ELECTROPHYSIOLOGICAL EVALUATION OF PERIPHERAL NEUROPATHY IN RHEUMATOID ARTHRITIS PATIENTS IN A TERTIARY CARE HOSPITAL OF EASTERN INDIA - DR. SHAYAN KUMAR BISWAS - DR. JOYASHREE BANERJEE (GUIDE)	2020	2023	NA	NA	PROPOSED
10.	STUDY REGARDING CORRELATION BETWEEN PERCEIVED STRESS OF MOTHER AND BERA WAVE CHANGES IN INFANTS ATTENDING NEUROPHYSIOLOGY LABORATORY AT R.G. KAR MEDICAL COLLEGE WHICH IS A TERTIARY CARE CENTRE - DR TUHIN ADHIKARY - DR SONALI MAJUMDAR (DAS) (GUIDE) - PROF. DR. SANJAY VASHISTH	2020	2023	NA	NA	PROPOSED
11.	STUDY OF PREVALENCE OF CYTOMEGALOVIRUS IN MALE PARTNER OF INFERTILE COUPLE AND IT'S IMPACT ON SEMINAL ANALYSIS IN A TERTIARY CARE HOSPITAL - DR SAGAR DAS - DR BOSUMITA SINHA (GUIDE)	2020	2023	NA	NA	PROPOSED
12.	SHORT TERM HEART RATE VARIABILITY AND MYOCARDIAL OXYGEN CONSUMPTION IN PATIENTS WITH TYPE 2 DIABETES MELLITUS - DR DEBABRATA DE - DR JAYANTA BHATTACHARYA (GUIDE)	2020	2023	NA	NA	PROPOSED

13.	ICMR PROJECT – SHORT TERM HRV:AN INDICATOR OF CARDIOVASCULAR FITNESS AMONG YOUNG MBBS STUDENTS - DR. JAYANTA BHATTACHARYA	2020	2021	NA	NA	ONGOING
14.	ICMR PROJECT – ELECTROPHYSIOLOGICAL EVALUATION OF PERIPHERAL NERVOUS SYSTEM IN SYABLE CHRONIC OBSTRUCTIVE PULMONARY DISEASE PATIENTS - DR JOYASHREE BANERJEE	2020	2021	NA	NA	ONGOING

Number of Papers Published:

Title of the paper published	Author's name	Name of the Journal	Year	Volume & Pages	Impact Factor
DEFICIENCY OF HERITABLE COAGULATION INHIBITORS (PROTEIN C, PROTEIN S AND ANTITHROMBIN III) IN UNEXPLAINED MULTIPLE ABORTION	DR SANJAY VASHISTH	INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH	2019	VOL 8	4.758
BRAINSTEM AUDITORY EVOKED POTENTIAL STUDY TO FIND OUT AUDITORY STATUS AMONG CHILDREN WITH SPEECH AND LANGUAGE IMPAIRMENT	DR SONALI MAJUMDAR (DAS) DR HIYA BHATTACHARYA DR MALAY KUMAR DASGUPTA	JOURNAL OF MEDICAL SCIENCE AND CLINICAL RESEARCH	2019	VOL 7, PAGE 878-885	
DOES INTERNET ADDICTION CAUSE INSOMNIA AND LOW SELF-ESTEEM AMONG MEDICAL STUDENTS? A QUESTIONNAIRE-BASED STUDY.	DR JOYASHREE BANERJEE, DR SANGHAMITRA MUKHERJEE	IJSR	2020	VOL-9	5.711
EVALUATION OF MOTOR NCS PARAMETERS BETWEEN UPPER AND LOWER LIMBS AND	DR BOSUMITA SINHA (GUCHHAIT)	IOSR-JDMS	2019	VOL 18	

THEIR PATTERN OF MATURATION IN INFANTS AND CHILDREN					
STUDY OF PULMONARY FUNCTION TEST IN SUBCLINICAL HYPOTHYROIDISM IN WEST BENGAL	DR BULBUL MUKHOPADHYAY	JMSCR	2019	VOL 7	
A STUDY ON THYROID PROFILE AND PROLACTIN LEVEL IN HYPOTHYROID FEMALES OF RURAL POPULATION OF A DEVELOPING COUNTRY	DR. RAJARSHI RAY	MJDYV	2019	VOL 12, ISSUE 3, PAGE 217-224	
EFFECTS OF YOGA ON CARDIORESPIRATORY PROFILE OF YOUNG ADULT INDIAN MALE PARTICIPANTS RESIDING IN WEST BENGAL: A CROSS-SECTIONAL STUDY	DR. RAJARSHI RAY	MJDYV	2019	VOL-12, ISSUE 4, PAGE 316-323	
CHRONIC OBSTRUCTIVE PULMONARY DISEASE: GRADING OF SEVERITY AS REFLECTED BY SHORT TERM HEART RATE VARIABILITY	DR. SOMSUBHRA SARKAR	IJSR	2021	VOL 10, ISSUE 09, PAGE 51-53	5.711
CHRONIC OBSTRUCTIVE PULMONARY DISEASE: GRADING OF SEVERITY AS REFLECTED BY SHORT TERM HEART RATE VARIABILITY	DR. JAYANTA BHATTACHARYA	IJSR	2021	VOL 10, ISSUE 09, PAGE 51-53	5.711
COMPARATIVE STUDY ON OVERWEIGHT AND OBESITY AMONG SCHOOL GOING ADOLESCENT BOYS IN SALL TOWN AND METROPOLITAN CITY OF WEST BENGAL	DR SANAY VASHISTH DR ALPANA CHHETRI	INDIAN JOURNAL OF PUBLIC HEALTH RESEARCH AND DEVELOPMENT	2018	VOL 9, PAGE 171-173	
CONTRACEPTIVE AWARENESS AMONG MARRIED PREGNANT WOMEN FROM URBAN AND RURAL AREAS ATTENDING	DR ALPANA CHHETRI DR SANJAY VASHISTH	JEMDS.COM	2018	VOL 7, PAGE 4609-4612	

ANTENATAL CLINIC IN A TERTIARY HOSPITAL IN WEST BENGAL					
DEFICIENCY OF HERITABLE COAGULATION INHIBITORS (PROTEIN C, PROTEIN S AND ANTITHROMBIN III) IN UNEXPLAINED MULTIPLE ABORTION	DR SANJAY VASHISTH	INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH	2019	VOL 8	4.758
BRAINSTEM AUDITORY EVOKED POTENTIAL STUDY TO FIND OUT AUDITORY STATUS AMONG CHILDREN WITH SPEECH AND LANGUAGE IMPAIRMENT	DR SONALI MAJUMDAR (DAS) DR HIYA BHATTACHARYA DR MALAY KUMAR DASGUPTA	JOURNAL OF MEDICAL SCIENCE AND CLINICAL RESEARCH	2019	VOL 7, PAGE 878-885	
BRAINSTEM AUDITORY EVOKED POTENTIAL IN PRETERM INFANTS AND RELATION WITH GESTATIONAL AGE	DR SONALI MAJUMDAR (DAS) DR HIYA BHATTACHARYA	JCDR	2018	VOL 12, PAGE 5-9	
KNOWLEDGE REGARDING DIABETES AMONG EXPECTANT MOTHERS ATTENDING ANTENATAL CLINIC OF A TERTIARY CARE HOSPITAL IN KOLKATA	DR PRABIR BISWAS DR SONALI MAJUMDAR (DAS)	IJRMS	2018	VOL 6, PAGE 1-7	
EFFECT OF EXERCISE ON UNDERGRADUATE HEALTH CARE STUDENTS	DR SURANJAN BANERJEE	SJSM	2015	VOL 15	
A STUDY TO DETECT ABNORMALITIES IN NERVE CONDUCTION VELOCITIES IN NEWLY DIAGNOSED HYPOTHYROID SUBJECTS AND FIND ITS CORRELATION WITH FREE T4 LEVELS IN A RURAL POPULATION OF EASTERN INDIA	DR SURANJAN BANERJEE	SJSM	2015	VOL 15	
NORMATIVE SPIROMETRIC VALUES AND PREDICTION EQUATIONS IN	DR JOYASHREE BANERJEE, DR PRANAB KR DEY	GJRA	2018	VOL-7	5.956

HEALTHY NON-SMOKING ADULT POPULATION OF WEST BENGAL.					
COMPARISON OF MOTOR NCS PARAMETERS WITH MRI IN DEGENERATIVE CERVICAL SPONDYLOSIS	DR BOSUMITA SINHA (GUCHHAIT)	IOSR-JDMS	2018	VOL 17	
PROXIMAL RADIOULNAR SYNOSTOSIS – A CASE REPORT	DR BULBUL MUKHOPADHYAY	IJAV	2017	VOL 10	
STUDY OF HEART RATE VARIABILITY IN NEWLY DIAGNOSED HYPERTENSIVE PATIENTS – CORRELATIONS WITH SYSTOLIC AND DIASTOLIC BLOOD PRESSURE	DR BULBUL MUKHOPADHYAY DR M.S. KHAN	IOSR-JDMS	2018	VOL 17	
STUDY OF HEART RATE VARIABILITY IN RELATION TO LIPID PROFILE IN NEWLY DIAGNOSED HYPERTENSIVE PATIENTS	DR BULBUL MUKHOPADHYAY	JOURNAL OF RESEARCH IN PHARMACEUTICAL SCIENCE	2018	VOL 4	
A STUDY OF LIVER FUNCTION TEST AMONG PREGNANT WOMEN WITH PRE-ECLAMPSIA	DR BULBUL MUKHOPADHYAY	IJBAMR	2017	VOL 6	
STUDY OF SERUM VITAMIN E LEVEL IN MOTHERS AND THEIR NEWBORNS IN WEST BENGAL	DR BULBUL MUKHOPADHYAY	IOSR-JDMS	2018	VOL 17	
STUDY OF BODY MASS INDEX,CENTRAL OBESITY AND OXIDATIVE STRESS IN RELATION TO SPERM PARAMETERS	DR BULBUL MUKHOPADHYAY DR M.S. KHAN	IOSR-JDMS	2018	VOL 17	
STUDY OF SERUM PROTEIN PROFILE OF BENGALEE HINDU WOMEN OF WEST BENGAL DURING	DR BULBUL MUKHOPADHYAY	JMDSR	2018	VOL 5, PAGE 04-06	

PREGNANCY AND LACTATION					
EVALUATION OF EMPIRICAL USAGE OF RESPIRATORY MEDICATIONS IN TREATMENT OF PATIENTS PRESENTING WITH CHRONIC LOWER RESPIRATORY SYSTEMS DURING SPIROMETRIC SCREENING	DR DEBAJYOTI DAS	IJPP	2017	VOL 61, PAGE 30-37	
OCCURANCE OF COPD IN PATIENTS WITH RESPIRATORY ALLERGY – A CLINICO-SPIROMETRIC EVALUATION IN A TERTIARY HOSPITAL, KOLKATA	DR DEBAJYOTI DAS	JCDR	2017	VOL- MAY ISSUE, PAGE CC11- CC13	
NORMATIVE SPIROMETRIC VALUES AND PREDICTION EQUATIONS IN HEALTHY NON-SMOKING ADULT POPULATION OF WEST BENGAL	DR JOYASHREE BANERJEE DR. APARAJITA RAY	GJRA	2018	VOL 7, PAGE 38-41	5.956

Number of Papers/Oration delivered or presented in scientific seminar/symposium:

Title of the paper	Author's name	Name of Organization	Place/City	Year/Date
CHANGES IN VISUAL EVOKED POTENTIAL (VEP) IN INFANTS WITH HISTORY OF PERINATAL ASPHYXIA	DR JULFA KHATUN	APPICON (NATIONAL LEVEL)	GUWAHATI	NOVEMBER 2019
COMPARATIVE STUDY BETWEEN FULL-FIELD AND HEMI-FIELD VISUAL EVOKED POTENTIAL IN NEWLY DIAGNOSED TYPE 2 DIABETES MELLITUS PATIENTS	DR JULFA KHATUN	APPICON (STATE LEVEL)	KOLKATA	FEBRUARY 2020
SHORT TERM HEART RATE VARIABILITY PROFILE AMONG PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE	DR SOMSUBHRA SARKAR	APPICON (NATIONAL LEVEL)	GUWAHATI	NOVEMBER 2019
PREVALENCE OF	DR SOMSUBHRA	APPICON	KOLKATA	FEBRUARY 2020

SYMPATHOVAGAL IMBALANCE AMONG CHRONIC OBSTRUCTIVE PULMONARY DISEASE PATIENTS IN TERMS OF SHORT TERM HEART RATE VARIABILITY	SARKAR	(STATE LEVEL)		
ELECTROPHYSIOLOGICAL EVALUATION OF MERALGIA PARAESTHETICA AND ASSOCIATION OF BMI WITH NERVE CONDUCTION STUDY PARAMETERS OF LATERAL FEMORAL CUTANEOUS NERVE	DR. PARIKSHIT MULLICK	APPICON (NATIONAL LEVEL)	GUWAHATI	NOVEMBER 2019
ELECTROPHYSIOLOGICAL STUDY OF ULNAR NERVE IN LEPROSY PATIENTS	DR. PARIKSHIT MULLICK	TROPICAL CME (STATE LEVEL)	KOLKATA	AUGUST 2019

Number of Scientific Seminar/Symposium Attended:

Name	Name of Organization	Attended / Presented	Place/City	Year
DR. DEBAJYOTI DAS	1. FIPS NATIONAL CONFERENCE 2. WORKSHOP ON SPACE PHYSIOLOGY 3. CME AND 2 WORKSHOP AT APPI 4. CME AND WORKSHOP STATE APPI	1. ATTENDED 2. PARTICIPATED 3. ATTENDED 4. ATTENDED	1. FARIDABAD 2. AIIMS DELHI 3. GUWAHATI 4. KOLKATA	1. 2019 2. 2019 3. 2019 4. 2019, 2020
DR. SOMSUBHRA SARKAR	1.NATIONAL APPICON 2.STATE APPICON	1.PRESENTED 2.PRESENTED	1.GUWAHATI 2. KOLKATA	1. 2019 2. 2020
DR. JULFA KHATUN	1.NATIONAL APPICON 2.STATE APPICON	1.PRESENTED 2.PRESENTED	1.GUWAHATI 2. KOLKATA	1. 2019 2. 2020
DR. PARIKSHIT MULLICK	1.NATIONAL APPICON 2.STATE APPICON	1.PRESENTED 2.PRESENTED	1.GUWAHATI 2. KOLKATA	1. 2019 2. 2020
DR. ANKITA RANA	STATE APPICON	ATTENDED	KOLKATA	2020
DR. PRITAM KAYAL	STATE APPICON	ATTENDED	KOLKATA	2020
DR. PRIYANKA BANERJEE	STATE APPICON	ATTENDED	KOLKATA	2020
DR. RAHUL RAY	STATE APPICON	ATTENDED	KOLKATA	2020

List of other research activities (project, research grant, collaboration with other institute, training, awards, medals etc):

SL.	Title of the R&D project(brief)	Duration (years)	Status: Completed/ Ongoing/ Proposed
1.	BASIC COURSE IN BIOMEDICAL RESEARCH - DR PRITAM KAYAL	2019	COMPLETED
2.	BASIC COURSE IN BIOMEDICAL RESEARCH - DR ANKITA RANA	2019	COMPLETED
3.	BASIC COURSE IN BIOMEDICAL RESEARCH - DR PRIYANKA BANERJEE	2019	COMPLETED
4.	BASIC COURSE IN BIOMEDICAL RESEARCH - DR JAYANTA BHATTACHARYA	2019	COMPLETED
5.	BASIC COURSE IN BIOMEDICAL RESEARCH - DR SONALI MAJUMDER(DAS)	2019	COMPLETED
6.	BASIC COURSE IN BIOMEDICAL RESEARCH - DR JOYASHREE BANERJEE	2021	COMPLETED
7.	BASIC COURSE IN BIOMEDICAL RESEARCH - DR SOMSUBHRA SARKAR	2021	ONGOING
8.	CCEBDM - DR JULFA KHATUN	2020	COMPLETED
9.	BASIC COURSE IN BIOMEDICAL RESEARCH - DR DEBAJYOTI DAS	2020	COMPLETED
10.	BASIC COURSE IN BIOMEDICAL RESEARCH - DR SURANJAN BANERJEE	2021	COMPLETED
11.	BASIC COURSE IN BIOMEDICAL RESEARCH - DR MADHUMITA DE	2020	COMPLETED

Service information:

SL.	Name	Duties performed
1.	PROF. DR. BULBUL MUKHOPADHYAY	PFT,NCV,VEP,BERA
2.	PROF. DR SANJAY VASHISTH	PFT,NCV,VEP,BERA
3.	DR JAYANTA BHATTACHARYA	PFT,NCV,VEP,BERA, NON COVID NON-SARI WARD
4.	DR JOYASHREE BANERJEE	PFT,NCV,VEP,BERA, NON COVID NON-SARI WARD
5.	DR SONALI MAJUMDAR (DAS)	PFT,NCV,VEP,BERA, NON COVID NON-SARI

		WARD
6.	DR SURANJAN BANERJEE	PFT,NCV,VEP,BERA, COVID HDU
7.	DR DEBAJYOTI DAS	PFT,NCV,VEP,BERA,SARI WARD,COVID HDU,TELEMEDICINE
8.	DR. BASUMITA SINHA (GUCHHAIT)	PFT,NCV,VEP,BERA,SARI WARD
9.	DR. MADHUMITA DE	PFT,NCV,VEP,BERA, COVID ROUND,TELEMEDICINE
10	DR.RUMA SEAL	PFT,NCV,VEP,BERA,COVID HDU
11	DR DHANANJOY MONDAL	PFT,NCV,VEP,BERA,NON COVID NON-SARI WARD,COVID ROUND,TELEMEDICINE
12	DR. KAUSTUV BANERJEE	PFT,NCV,VEP,BERA, COVID HDU,TELEMEDICINE
13	DR. SHARMISTHA SINHA	PFT,NCV,VEP,BERA
14	DR. HOSSAIN SHEIKH ASIK	PFT,NCV,VEP,BERA,NON COVID NON-SARI WARD,COVID HDU,TELEMEDICINE
15	DR. RAJARSHI RAY	PFT,NCV,VEP,BERA, COVID HDU,TELEMEDICINE
16	DR. SHUBHRA BHATTACHARYA	PFT,NCV,VEP,BERA, COVID HDU,TELEMEDICINE
17	DR SOMSUBHRA SARKAR	PFT,NCV,VEP,BERA, COVID HDU,TELEMEDICINE,FEVER CLINIC,GENERAL OPD,GENERAL EMERGENCY
18	DR PARIKSHIT MULLICK	PFT,NCV,VEP,BERA, COVID HDU,TELEMEDICINE,FEVER CLINIC,GENERAL OPD,GENERAL EMERGENCY
19	DR JULFA KHATUN	PFT,NCV,VEP,BERA, COVID HDU,TELEMEDICINE,FEVER CLINIC,GENERAL OPD,GENERAL EMERGENCY
20	DR ANKITA RANA	PFT,NCV,VEP,BERA, COVID HDU,TELEMEDICINE,FEVER CLINIC,GENERAL OPD
21	DR RAHUL RAY	PFT,NCV,VEP,BERA, COVID HDU,TELEMEDICINE,FEVER CLINIC,GENERAL OPD
22	DR PRIYANKA BANERJEE	PFT,NCV,VEP,BERA, COVID HDU,TELEMEDICINE,FEVER CLINIC,GENERAL OPD

23	DR. PRITAM KAYAL	PFT,NCV,VEP,BERA, COVID HDU,TELEMEDICINE,FEVER CLINIC,GENERAL OPD
24	DR. SHAYAN KUMAR BISWAS	PFT,NCV,VEP,BERA, COVID HDU,TELEMEDICINE,FEVER CLINIC
25	DR. DEBABRATA DE	PFT,NCV,VEP,BERA, COVID HDU,TELEMEDICINE,FEVER CLINIC, NON- COVID NON-SARI WARD
26	DR. TUHIN ADHIKARY	PFT,NCV,VEP,BERA, COVID HDU,TELEMEDICINE,FEVER CLINIC
27	DR. SAGAR DAS	PFT,NCV,VEP,BERA, COVID HDU,TELEMEDICINE,FEVER CLINIC

Department of Plastic Surgery

Designation

Name

Professor

- Dr.Rupnarayan Bhattacharya
- Dr.Vedula Padmini Saha

Assoc Professor

- Dr.Gaurab Ranjan Chaudhuri

Asstt. Professor

- Dr.Gouranga Dutta

Clinical Tutor

- Dr.MeherajSk
- Dr Arnab Mondal

Senior Resident

- Dr Avisek Rai
- Dr Vinay Karwal
- Dr Manoj Singh
- Dr Debabrata Maity

Post Graduate Trainee

- Dr Tamasuk Das
- Dr Arun Kamath
- Dr Rajib Datta
- Dr Chayan Gupta

Group D

- Mohan Lal Yadav

Research work submitted

PG trainee / Research scholar	Year	Guides
Dr Aviserk Rai	2019	Study of mandibular Fracture treated by surgical stabilization with plate and screw
Dr Manish Sharma	2019	A study of dynamic temporalis muscle transfer by Johnson method for correction of Lagophthalmos in Leprosy patients
Dr Vinay Karwal	2021	Comparative study of Interosseous and circumtibial technique of Tibialis posterior tendon transfer surgery in patients of Hansen's Disease with foot drop deformity
Dr Manoj Singh	2021	A prospective study on repair of Tendoachelles injuries with turndown deep fascial flap
Dr Debabroto Maity	2021	A study of Flap capillary blood glucose monitoring as a predictor of flap survival
Dr Dwaipayan Saha	2021	An analytical study on the outcome of different modalities of coverage of post traumatic lower one third leg defect
Dr Tamasuk Das	2023	First dorsal metacarpal artery flap- a versatile flap for reconstruction of thumb
Dr Arun Kamath	2023	Study on various modalities for reconstruction of scalp
Dr Rajib Dutta	2023	An observational study of outcome for two years after the hypothenar fat pad flap repair for treatment of Carpal Tunnel Syndrome
Dr Chayan Gupta	2023	The versatility of freestyle perforator flap for reconstruction of post traumatic leg defect

Any other research activities Projects / Grants

1	Development of cartilage scaffold for the application in patients with Mcrotia	West Bengal; University of animal science & Husbandry	Dept of Plastic Surgery RGKMCH	DBT	Completed 2017 - 2020	Dr S Nandi Dr R N Bhattacharya
2	Development of MP joint of hand	CGCRI	Dept of Plastic Surgery RGKMCH	CGCRI DST	In progress 2017 – 22	Dr VK Valla R Bhattacharya B Kundu
3	Development of Optical fibre laser for medical application	CGCRI	Dept of Plastic Surgery RGKMCH	CSIR	In progress 2013 - 120	Dr Ranjan Sen Dr R N Bhattacharya
4	Development of Silk based artificial blood vessel	IIT – Gwahati	Dept of Plastic Surgery RGKMCH	DBT	Completed 2016 - 2019	Prof S Mandal Dr S Nandi Prof R N Bhattacharya.
5	Mg-alloy plates and screws with or without hydroxyapatite coating for potential maxillofacial and musculoskeletal applications in human patients	CGCRI University of Veterinary Sc. & Animal Husbandry, Kolkata.	Dept of Plastic Surgery RGKMCH	CSIR - CGCRI	In progress 2019 - 2021	R Bhattacharya - B Kundu - Dr S Nandi

Publications from the department during last 3 years:

Rupnarayan Bhattacharya	
1	Decellularized Caprine Conchal Cartilage toward Repair and Regeneration of Damaged Cartilage PUBMED , Medline (USA) April 24. 2019
2	Novel decellularized animal conchal cartilage graft for application in human patient (Research article) / Journal of Tissue Engineering and Regenerative Medicine / PUBMED / 2018/United Kingdom .
3	Assessing the need for doing a level V cervical lymph node dissection for all clinically positive cervical lymph nodes in squamous cell cancers of the oral cavity and predicting factors indicating metastatic involvement of level V nodes.(Original research paper)/ Indian Journal of Research / <i>Papirex</i> /Index Copernicus/ 5 May 2018/India
4	Evaluation of facial artery perforator based flaps in reconstruction of facial defects (Original article) Indian Journal of Plastic Surgery / Pubmed / September – Decem 2017
Dr Gaurab Ranjan Chaudhuri	
5.	Reliability of free radial forearm flap for tongue reconstruction following oncosurgical resection(Invited Article) /Bengal Journal of Otolaryngology and Head-Neck Surgery./ DOAJ/Vol. 23(2): 57 – 62/2015/India
6.	Excellency of Converse scalping forehead flap for reconstruction of external nasal soft-tissue defects / Bengal Journal of Otolaryngology and Head-Neck Surgery./DOAJ Vol. 29(1): 43 - 47, 2021. / India

Dr V P Saha	
8	Recurrent Fourth Branchial Arch Fistula – A Reverse Surgical Approach./International Journal Of Current Advanced Research Pubmed Central, Scopus /2018
9	Forehead Flap For Reconstruction Of Orofacial Defects : A Tertiary Care Centre Experience, West Bengal,/Indian Journal Of Applied Research Index Medcus, Citation Index 2019
10	Radiological Assessment Of Difficult Airway In Thyroid Malignancy-A Retrospective Case Study /International Journal Of Current Advanced Research /Pubmed Central, Scopus/2019
11	Localisation Of Vocal Fold Mass With Variation Of Acoustic Parameters/International Journal Of Current Advanced Research /Pubmed Central, Scopus /2019
12	Deep Neck Space Infections- A 3 Year Study At Tertiary Care Centre Of West Bengal, India/ International Journal Of Current Advanced Research/Pubmed Central, Scopus/2019
13	Nasal Cutaneous Malignancy: Management Dilemma And Our Experience./Indian Journal Of Applied Research /Index Medcus, Citation Index/2019

Service information

Beds-

Total beds	66
Reconstructive Surgery	42
Burns Ward-	20
HDU	4

No of Operation Theater-

OT	Location	No of tables
OT No I	7 th floor	2
OT No II	1 st floor	2
OT No III	1 st floor	1

OPD: 2 days per week (Wednesday/ Friday)

Specialty clinics being run by the department and number of patients in each

Sl	Name of the clinic	Days on which held	Timings	Average No. of cases attended	Name of Clinic In-charge
1	Hand Clinic	1 st & 3 rd Friday	1-2PM	7-10	Dr G R Chaudhuri
2	Burn Clinic	2 nd Friday	1-2 PM	10 – 12	Dr V P Saha
3	Cleft & Cranio Facial Clinic	All Wednesday	1 – 2 PM	4-7	Dr R N Bhattacharya
4	Cosmetic Surgery Clinic	2 nd Friday			Dr G Dutta
5	Leprosy Reconstructive Surgery clinic	2 nd Wednesday	1-2 PM	3-5	Dr R N Bhattacharya

Space (OPD, IPD, Offices, Teaching areas)

OPD	Offices	IPD	Others
3 days / week	Monday - Saturday		
Faculty room -2 Reception- 1 Physio - 1 Dressing room -1 Minor OT -1 Teaching room - 1	Faculty room –5 Meeting / Board room – 1 Teaching room – 1 Office room - 1	Reconstructive Surgery Ward – Male - (28 beds) Female –(15 beds) Burns ward - 18 beds (F –10, M – 8) ICU / HDU - 4 beds (with ventilator) Observation OT beds – 2	Library with Internet & WiFi Dry lab with Op Microscope Duty Room of PDTs – 1 Seminar Room - 1 Teaching corer - 1
		Total -66 beds	

Library (Departmental):

Number of Books pertaining to Plastic Surgery	Print copy – 250 e- book - 212
Number of Journals	Print & e – journal:29
Latest journals available up to	August 2021

Service information for last 3 years:

S.No.	Parameters	Year 1 (2019)	Year 2 (2020)	Year 3 (2021) Oct
1.	Total number of patients in OPD	6021	4023	3210
2.	Total number of patients admitted (IPD)	1128	1003	720
3.	Total number of follow up patients in OPD	4730	3241	3996
4.	Total Surgeries (Major cases)	1266	1193	776
		(Including emergency & referred cases)		
5.	Breast augmentation			
	a) Breast Reconstruction with breast implants	6 5	5 7	1 3
	b) Breast reconstruction with Flap Surgery			
6.	Rhinoplasty	13	11	2
7.	Lip surgery	21	31	31
8.	Cheek surgery	49	42	23
9.	Ear Surgery	11	07	05
10.	Liposuction	09	12	05
11.	Fat filling	08	11	01
12.	Scar Revision Surgeries	21	32	19
13.	Replantation Surgeries (Micro surgery)	17	20	05
14.	Endoscopic Plastic Surgery	NA	NA	NA
15.	Face lift	3	2	0
16.	Flap transfer	201	170	72
17.	Skin grafting	477	402	324
18.	Acute burn care	179	150	149

19.	Trauma	143	171	85
20.	Tendon transfer	52	43	14
21.	Nerve Repair (Brachial Plexus nerve repair)	44	67	33
22.	Hair transplant	7	10	4

Any other information that will highlight performance and activity of the department

Sl	Name of the projects	Funding	Collaborating Institutes	Status
1	District Leprosy Reconstructive Surgery Program	Department of Leprosy Dept of Health & FW Govt of WB	Department of H&FW Govt of WB	2005 – running Till date 4123 cases were operated
2	Establishment of Burns Unit	Dept of Health & FW Govt of WB	Same	2014 - Complete Running
3	Establishment of Leprosy Reconstructive Surgery Unit	Department of Leprosy Dept of Health & FW Govt of WB	Same	2014 - Complete Running
4	Establishment of Cosmetic Surgery Unit	Dept of Health & FW Govt of WB	Same	2016 - GO issued
5	Establishment of Cleft care (Cleft lip & palate & Craniofacial anomaly) Unit	Dept of PHP/ NHM	NIHH Bonhoogly	2015 – Complete Running
6	Gender Reassignment Surgery	Dept of Health & FW Govt of WB	Department of H&FW Govt of WB	2016 - GO issued Yet to start
7	Establishment of Rural Reconstructive Surgery Unit	Dept of PHP/ NHM	Department of H&FW Govt of WB	GO issued 2016 – Infrastructure Complete Not yet Running

Department of Radio-Diagnosis

<u>Name</u>	<u>Designation</u>
• JAYATI BARDHAN	Professor
• SUBHAJIT CHATTOPADHYAY	Assoc Professor
• SUBRATA KUMAR BISWAS	Asstt. Professor
• Subhra shankha Roy • Shamim Akhtar Gazi • Atanu Chatterjee • Ishita Mandal	Clinical Tutor
• Avereer Gangopadhyay	Senior Resident

List of Non-teaching Staff in the department

Sl.	Name	Designation
1	Swapn Karan	Medical Technologist
2	Biswajit Das	Medical Technologist
3	Mausumi Ghosh	Medical Technologist
4	Somen Mukherjee	Medical Technologist
5	Supriya Das	Medical Technologist
6	Sumit Saha	Medical Technologist
7	Shovraj Sadhukhan	Medical Technologist
8	Moumita Sinha	Medical Technologist
9	Sudipta Dey Sarkar	Medical Technologist
10	Ashutosh Koley	Medical Technologist
11	Sumit Saha	Medical Technologist
12	Samir Kumar Naskar	Medical Technologist
13	Jayanta Saha	Medical Technologist
14	Ranjit Nayek	Medical Technologist
15	Nibedita Sinha Roy	Medical Technologist
16	Harekrishna Pradhan	Medical Technologist
17	Prasenjit Ganguly	Medical Technologist

18.	Nirmal K. Jana	GDA
19	Sukumar Dey	GDA
20	Gautam Roy	GDA
21	Sankar Das	GDA
22	Arat Ram Verma	GDA
23	Ramchandra Maity	GDA
24	Jharna Bhattacharyya	GDA
25	Ganita Biswas	GDA

Investigations done-

X-rays done in 2021 (upto October)	8185
USG done in 2021(upto October)	21160

Department of Radiotherapy

Faculty Details:

<u>Faculty Name</u>	<u>Designation</u>
• Dr. Chandan Dasgupta	Professor and Head
• Dr. Partha Dasgupta	Associate Professor
• Dr. Amitabha Chakrabarti	Associate Professor
• Dr. Santanu Acharyya	Associate Professor
• Dr. Krishnangshu Bhanja Choudhury	Assistant Professor
• Dr. Shatarupa Dutta	Assistant Professor
• Dr. Suranjan Maitra	Tutor
• Dr. Sourav Kumar Ghosh	Tutor

Physicist cum R.S.O:

<u>Name</u>	<u>Designation</u>
• Mrs. Jayanti Jakkam	Physicist cum RSO.
• Mr. Sanjit Das	Physicist cum RSO.
• Mr. Santu Chandra	Physicist cum RSO.
• Mr. Prasenjit Ghosh	Physicist cum RSO.

Medical Officer:

- Dr.Siladitya Roy Chowdhury.

Senior Residents:

<u>Name</u>	<u>Designation</u>
• Dr. Debdeep Samaddar	Senior Resident
• Dr. Souvik Ghosh	Senior Resident
• Dr. Sumitavo Ghosh	Senior Resident
• Dr. Sucheta Biswas	Senior Resident

Medical Technologists:

<u>Sl.</u>	<u>Name</u>
1	Monalisa Banerjee.
2	Debukumar Debnath.
3	Sushanta Guria.
4	Kingshuk Patra.

5	Annapurna Banerjee.
6	Subrata Biswas.
7	Kaustav Banerjee.
8	Sandip Mondal.
9	Sanchari Nag.
10	Sankha Subhra Ghosh.
11	Ashoke Prajapati.
12	Bapi Mallick.
13	Sharmili Bhaduri.
14	Darponarayan Roy.
15	Surajit Sarkar.
16	Sougata Bairagi.
17	Suryashis Sanyal.
18	Subrata Debnath.
19	Shyam Sundar Manna.
20	Prosenjit Hazra.
21	Suryakant Kumar.

DRT. Tech students:

Sl.	Name	Year
1	Rahul Roy.	2nd
2	Nabanita Roy.	2nd
3	Aishwarya Mondal.	2nd
4	Rakesh Roy.	2nd
5	Saharukh Khan	1st
6	Sukhendu Das.	1st

Group-D Staffs:

Sl.	Name
1.	Raju Jain
2.	Monjuri Roy
3.	Pintu Ghosh
4.	Rijit Mondal
5.	Tapas Dasgupta
6.	Gita Das
7.	Bablu Paul
8.	Robin Das
9.	Shyamal Bhattacharya
10.	Bivas Roy
11.	Chaitali Manna.
12.	Sadhana Das
13.	Santana Das
14.	Pinki Biswas
15.	Uday Mallick
16.	Shankar Prasad.
17.	Manoj Dom
18.	Ashis Bhattacharya
19.	Sabita Dasgupta.
20.	Prasenjit Manna.

21.	Pradip Mallick. .
22.	Fulmani Mallick.
23.	Manu Sardar.
24.	Sahid Jamal.
25.	Mihir Kundu.
26.	Sabitri Das.
27.	Manju Debi Shaw.
28.	Subrata Das.

Post Graduate Trainees:

Name	Year	Guide	Thesis Title
1. Dr. Debanjan Kundu	3 rd yr	Dr. Chandan Dasgupta	“A Prospective Study To Compare Set-Up Errors And Dosimetry In Conformal Radiotherapy Of Carcinoma Cervix Using Different Immobilization Techniques”.
2. Dr. Pritha Roy	3 rd yr	Dr. Santanu Acharyya.	“Simultaneous Versus Sequential Nodal Boost In Cases Of Node Positive Pelvic Solid Tumours Treated With Radical Concomitant Chemoradiation – A Prospective Study”.
3. Dr. Sanskriti Poddar	3 rd yr	Dr. Partha Dasgupta	“Comparison Of Cardiac Toxicity Of Concomitant Chemoradiation In Locally Advanced Central Versus Peripherally Located Tumors Of Non Small Cell Lung Carcinoma-A Single Institutional Prospective Interventional Study”.
4. Dr. Sarmila Das	3 rd yr	Dr. Amitabha Chakrabarti	“Outcome Of Concurrent Chemoradiation In Inoperable Muscle Invasive Urothelial Carcinoma Of Urinary Bladder In Terms Of Locoregional Response And Toxicities- A Longitudinal Study In A Tertiary Care Hospital”.
5. Dr. Ananya Mahalanabish	2 nd yr	Dr. Chandan Dasgupta	“Comparison Of Dosimetric Parameters And Clinical Outcomes Of Intensity Modulated Radiotherapy Versus Volumetric Modulated Arc Therapy In Patients With Carcinoma Cervix: Two Arm Prospective Comparative Study”
6. Dr. Suvra Mondal	2 nd yr	Dr. Partha Dasgupta	“Clinical Outcomes And Patterns Of Failure Of Post-Operative Buccal Mucosa Cancers Treated With Adjuvant Radiotherapy-A Retrospective Study In A Tertiary Care Hospital”
7. Dr. Sourav Paul	2 nd yr	Dr. Santanu Acharyya.	“To Study The Haematological Effects Of Pelvic Bone Marrow Sparing Intensity Modulated Radiotherapy In Patients With Gynaecological Malignancies.”

8. Dr. Sumana Samaddar	2 nd yr	Dr. Chandan Dasgupta	“Comparison Of Clinical Outcome And Dosimetric Parameters Of Three-Dimensional Conformal Radiotherapy Versus Intensity Modulated Radiotherapy In Patients With Head And Neck Squamous Cell Carcinoma : A Prospective Two Armed Observational Study”
9. Dr. Anupama Radhakrishnan	2 nd yr	Dr. Partha Dasgupta	“Prognostic Role Of Neutrophil To Lymphocyte Ratio In Locally Advanced Non Small Cell Lung Cancer Treated With Concurrent Paclitaxel Based Chemoradiotherapy In A Tertiary Care Hospital”
10. Dr. Sk Haidar Ali	2 nd yr	Dr. Amitabha Chakrabarti	“ Dosimetric Comparison Between Three-Dimensional Conformal Radiation Therapy Versus Intensity-Modulated Radiation Therapy In Non Metastatic Esophageal Carcinoma Patients Receiving Definitive Radiation With Concurrent Chemotherapy: A Prospective Single Institutional Study”

Training Programmes:

- i) Varian Advanced Techniques Clinical School IMRT/RapidArc-held on 14.12.20 – 15.12.20 at R.G Kar Medical College & Hospital, Kolkata.
- ii) RPM Respiratory Gating/RGAC from 22.9.21 - 24.9.21 at R.G Kar Medical College & Hospital, Kolkata.
- iii) Oncology Information System from 22.9.21 - 24.9.21 at R.G Kar Medical College & Hospital, Kolkata.
- iv) RPM Respiratory Gating/RGAC on 19.11.21 at R.G Kar Medical College & Hospital, Kolkata

Publication Details (2019-2022)

Authors Name	Title	Journal	Year	Vol no.	Page No.
Dr. Chandan Dasgupta	1. Comparative Analysis between an Anthracycline Based Regimen and a Platin Based Regimen in Neoadjuvant Setting for Triple-negative Breast Cancer: A Single Institutional	Journal of Cancer and Tumor International	2019	8(2)	1 – 7

	<p>Retrospective Study.</p> <p>2. Efficacy of Chronomodulated Chemotherapy for Palliation of Hematemesis in Inoperable Gastric Cancer: A Single Institutional Retrospective Study.</p> <p>3. Effect of Carboplatin Dose Capping on Survival in Recurrent Breast, Ovary and Head and Neck Cancers: A Single Institutional Retrospective Study.</p>	<p>Indian Journal of Palliative Care</p> <p>Cancer Chemotherapy and Pharmacology</p>	<p>2020</p> <p>2021</p>	<p>26</p> <p>88(4)</p>	<p>342 -7</p> <p>731 - 740</p>
Dr.Partha Dasgupta	<p>1. Eribulin in Metastatic Triple Negative Breast Cancer-Impact On Survival As A Second Line Chemotherapy.</p> <p>2.Clinicopathological Features of Carcinoma Urinary Bladder: A Retrospective Study Done in A Rural Based Medical College in Bankura West Bengal.</p> <p>3. Incidental Finding of Gall Bladder Carcinoma-A Retrospective Study in a Tertiary Care Hospital of Eastern India, West Bengal.</p>	<p>International Journal of Current Medical and Applied Sciences.</p> <p>International Journal of Current Medical and Applied Sciences.</p> <p>Indian Journal of Public Health Research & Development.</p>	<p>2019</p> <p>2020</p> <p>2021</p>	<p>25(01)</p> <p>25(03)</p> <p>12</p>	<p>01-05.</p> <p>43-47.</p> <p>480-84.</p>
Dr. Santanu Acharyya	<p>1. Eribulin in Metastatic Triple Negative Breast Cancer-Impact On Survival As A Second Line Chemotherapy.</p> <p>2.Clinicopathological Features of Carcinoma Urinary Bladder: A Retrospective Study Done in A Rural Based Medical College in Bankura West Bengal.</p> <p>3. Efficacy of Chronomodulated Chemotherapy for Palliation of Hematemesis in Inoperable Gastric Cancer; A Single Institutional</p>	<p>International Journal of Current Medical and Applied Sciences.</p> <p>International Journal of Current Medical and Applied Sciences.</p> <p>Indian Journal of Palliative Care.</p>	<p>2019</p> <p>2020</p> <p>2020</p>	<p>25(01)</p> <p>25(03)</p> <p>26(03)</p>	<p>01-05.</p> <p>43-47.</p> <p>342-47.</p>

	Retrospective Study. 4. Pattern of Recurrence and Survival in TNBC; A Retrospective Study done in Rural Based Medical College & Hospital of West Bengal, India. 5. Incidental Finding of Gall Bladder Carcinoma-A Retrospective Study in a Tertiary Care Hospital of Eastern India, West Bengal. 6. A Single Institutional Prospective Study To Compare Neoadjuvant Chemotherapy followed by Chemoradiotherapy versus Definitive Chemoradiotherapy in Locally advanced Carcinoma Cervix.	Indian Journal of Current Research and Review. Indian Journal of Public Health Research & Development. International Journal of Current Medical and Applied Sciences.	2021 2021 2021	13(03) 12 32(01)	64-69. 480-84. 16-21.
Dr. Shatarupa Dutta	1. External Beam Radiation Plus intraluminal Brachytherapy in locally Advanced inoperable Carcinoma Esophagus: A retrospective study from tertiary cancer center 2. Pattern of Care and Epidemiology of brain Metastasis over past 10 years: A retrospective study from tertiary cancer center	International Journal of Medical Science and Public Health International Journal of Medical Science and Public Health	2019 2019	09(1) 09(1)	79-83 84-88
Dr. Suranjan Maitra	Incidence and trend of Carcinoma Lung among women and use of oral TKI – A Single Institution Based Study	Journal of Medical Science and Clinical Research	2018	06(12)	333-339
Dr. Ritam Joarder	Multiple Primary Malignant Neoplasms – A single Institutional Audit from Eastern India	International Journal of Contemporary Medical Research	2021	8(5)	10-14
Dr. Sourav Kumar Ghosh	1. Assessment of Caregivers Strain during Radiation Therapy of Head and Neck Cancer Patients: An Institutional Report using Modified Caregivers Strain Index Scale. 2. Trends in Epidemiology and Management of Breast Cancer in Women Under 46 Years: Institutional Experience from a Tertiary Cancer Centre in Eastern India.	Indian Journal of Palliative Care. International Journal of Research and Review.	2019 2021	25 8	228-31. 278-85.
Dr. Debanjan	Multiple Primary Malignant	International Journal	2021	8(5)	10-14

Kundu	Neoplasms – A single Institutional Audit from Eastern India	of Contemporary Medical Research			
Dr. Pritha Roy	<p>1. Perception of Oncology Evaluated by Medical Students (P.O.E.M.S.)- A single institutional study</p> <p>2. Effect of Carboplatin Dose Capping on Survival in Recurrent Breast, Ovary and Head and Neck Cancers: A Single Institutional Retrospective Study.</p> <p>3. Efficacy of Chronomodulated Chemotherapy for Palliation of Hematemesis in Inoperable Gastric Cancer; A Single Institutional Retrospective Study.</p>	<p>Journal of Cancer Education</p> <p>Cancer Chemotherapy and Pharmacology</p> <p>Indian Journal of Palliative Care.</p>	<p>2020</p> <p>2021</p> <p>2020</p>	<p>88</p> <p>26(03)</p>	<p>731-740</p> <p>342-47.</p>
Dr. Sanskriti Poddar	Trends in Epidemiology and Management of Breast Cancer in Women Under 46 Years: Institutional Experience from a Tertiary Cancer Centre in Eastern India.	International Journal of Research and Review.	2021	8 (7)	278-285.

Conference/Seminar/CME/Presentation details:

Name	Activities
Dr. Chandan Dasgupta	<p>i) Attended Varian Advanced Techniques Clinical School IMRT/RapidArc-on-site training programme from 14.12.20 to 15.12.20 at R.G Kar Medical College & Hospital, Kolkata.</p> <p>ii) Attended RPM Respiratory Gating/RGAC on-site training programme from 22.9.21 to 24.9.21 at R.G Kar Medical College & Hospital, Kolkata.</p> <p>iii) Attended Oncology Information System on-site training programme from 22.9.21 to 24.9.21 at R.G Kar Medical College & Hospital, Kolkata.</p> <p>iv) Attended RPM Respiratory Gating/RGAC on-site training programme on 19.11.21 at R.G Kar Medical College & Hospital, Kolkata</p>
Dr. Santanu Acharyya	<p>1. Completed Certificate course on Basic course in Bio-Medical Research as per NMC guideline in March-June 2021.</p> <p>2. Certificate of Achievement in Immuno-oncology (Harvard School of Medicine)-August 2021.</p>
Dr. Amitabha Chakrabarti	<p>1. Seminar—ROLE OF ERIBULIN IN MBC. Attended as Faculty on 21.8.21.</p> <p>2. Seminar--Role of Rucaparib in management of Ovarian and Prostrate Cancer— Attended as Faculty on 01.9.21.</p> <p>3. Attended EXPERT UNION MEET as Faculty--- Optimizing Nutrition Care in Cancer patients and its significance on 25.7.20.</p> <p>4. Seminer—Role of Regorafenib in the management of mCRC. Attended as a Faculty on 25.7.20</p>

Service Information:

i) **OPD services** -Six days a week from Monday to Saturday.

ii) **Indoor Services** - Total 50 beds (Male and Female), with facilities of Radiotherapy, Chemotherapy, Supportive therapies

ii) **Day Care Chemotherapy service** – Capacity – 10 Beds, Six days a week from Monday to Saturday. Approximately 30 patients are treated per day.

iii) **Pain Clinic** - Once in a week every Friday.

iv) **CT simulation service** - Six days a week from Monday to Saturday.

v) **Radiation services-**

- a) Telecobalt therapy.
- b) Vitam Beam and True Beam (Linear Accelerators).
- c) Brachytherapy Services.

Department of Respiratory Medicine

<u>Sl.</u>	<u>Name</u>	<u>Designation</u>
1	PROF(DR.) SUSMITA KUNDU	PROFESSOR & HOD
2	PROF.(DR.) ATIN DEY	PROFESSOR
3	PROF.(DR.) ARUNABHA DATTA CHAUDHURI	PROFESSOR
4	DR. SOMNATH BHATTACHARYA	Associate Professor
5	DR. SUMIT ROY TAPADAR	Associate Professor
6	DR. DEBABANI BISWAS	Associate Professor
7	DR.SOUMYA BHATTACHARJEE	Assistant Professor
8	DR. SILAJIT SARKAR	RMO
9	DR. HIMADRI SAMANTA	RMO
10	DR.DEBASISH KARMAKAR	RMO
11	DR. SAURAV KAR	Senior Resident
12	DR .RAHUL GHOSH	Senior Resident
13	DR.BALAJI DASIRI	Senior Resident
14	DR .PRAJJWAL SARKAR	Senior Resident
15	DR .ANIRBAN MONDAL	Senior Resident
16	DR.OMKAR PRASAD RATH	Senior Resident
17	DR. SWETA NANDY	Senior Resident
18	DR ARITRA GANGULY	Senior Resident
19	DR MAINAK MUKHERJEE	Senior Resident

Junior Residents:

1	DR. SAMARJIT DAS	Junior Resident
2	DR. AKASH SENGUPTA	Junior Resident
3	DR. SHASHANK KUMAR	Junior Resident
4	DR. GOLAM ABBAS	Junior Resident
5	DR. SUMANTA DE	Junior Resident
6	DR. BISHWANATH SAHA	Junior Resident
7	DR. MRINMOY CHAKRABORTY	Junior Resident
8	DR. MANTU GHOSH	Junior Resident
9	DR.MOUMITA MAJHI	Junior Resident

10	DR.SUBHENDU MALLICK	Junior Resident
11	DR.ARYA CHAUDHURI	Junior Resident
12	DR.SUBHAJIT KHAMARU	Junior Resident
13	DR.SANJIB BASAK	Junior Resident
14	DR.ANIRBAN BHATTACHARYA	Junior Resident
15	DR. ANIKET DEBNATH	Junior Resident
16	DR.SOURAV MOZUMDER	Junior Resident
17	DR.BALARAM MONDAL	Junior Resident
18	DR.ADRIJA GUHA	Junior Resident
19	DR.SANDEEPAN GIRI	Junior Resident
20	DR.SARADI BANERJEE	MO, NTEP

Other Staff:

- SABYASACHI CHATAIT Medical Technologist
- BHARAT BEHERA Group D
- KHOKON BHUNIYA Group D

Research work:

PG Trainee /Research Scholar	Year	Guide (s)	Title
DR. SAMARJIT DAS	2020	Prof.(Dr.)Susmita Kundu Dr.Falguni Mandi	Study of sleep architecture in patients of obstructive sleep apnea syndrome
DR. AKASH SENGUPTA	2019	Guide – Prof.(Dr.)Atin Dey	Clinico-pathological study of cervical lymphadenopathy in a tertiary care hospital
DR. SHASHANK KUMAR	2019	Guide- Dr. (Prof.) Arunabha Datta Chaudhuri Co-guide- Dr. Sumit Roy Tapadar	Study of indications, associated comorbid conditions and outcome of patients requiring BiLevel type of Non Invasive Positive Pressure Ventilation in Respiratory Medicine Indoor
DR. BISHWANATH SAHA	2019	Guide: Prof.(Dr.) Atin Dey. Co-Guide: Dr. Somnath Bhattacharya	CURRENT CLINICAL PROFILE OF RESPIRATORY DISEASES IN GERIATRIC AGE GROUP ADMITTED IN A TERTIARY CARE HOSPITAL.
DR. MRINMOY CHAKRABORTY	2019	Prof.(Dr.)Susmita Kundu	Comparison of Radiographic findings between drug resistant and drug sensitive tuberculosis in a tertiary care hospital – Principal investigator

DR.MOUMITA MAJHI	2019	Guide- Dr. (Prof.) Arunabha Datta Chaudhuri Co-guide- Dr. Sumit Roy Tapadar	A Study Of The Presentations, Bacteriological Profile, And Outcome Of Exacerbations Of Bronchiectasis Patients Admitted In Respiratory Medicine Department Of A Tertiary Care Hospital
DR.BALARAM MONDAL	2020	Prof.(Dr.)Susmita Kundu	DRUG RESISTANT PATTERNS AND RISK FACTORS OF DRUG RESISTANT PULMONARY TUBERCULOSIS CASES ATTENDING NODAL DRUG RESISTANT TUBERCULOSIS CENTRE AT RG KAR MEDICAL COLLEGE
DR.ADRIJA GUHA	2020	Guide- Dr. (Prof.) Arunabha Datta Chaudhuri Co-guide- Dr. Sumit Roy Tapadar	Microalbuminuria in chronic obstructive pulmonary disease and how its level correlates with severity of the disease-an observational cross-sectional study in a tertiary care hospital
DR.SANDEEPAN GIRI	2020	Dr.Ddebabai Biswas Prof.(Dr.) Atin Dey Dr.Lipika Adhikari	Radiological manifestation of pulmonary hypertension in patients of chronic lung disease with special reference to right heart catheterization

State Task Force meeting of NTEP was held on 13.08.2021 at Department of Respiratory Medicine on virtual platform.

Author's Name	Title	Journal	Year	Vol	Page
Prof.(Dr.)Susmita Kundu , Dr.Rivu Basu	Psychological profile of multi drugs resistant TB patients: A qualitative study from Tertiary care Centre of Kolkata	Journal of Family Medicine and Primary Care	2020	Volume 10 : Issue 1 : January 2021	392-7
Ajay Agarwalla, Somnath Bhattacharya, Atin Dey, Saurav Kar, Arunabha Datta Chaudhuri	Study of outcome of management of MDR TB cases under programmatic condition in India	Journal of Dr.NTR University of Health Sciences	2019	Volume -8, Issue -1, January – March 2019	
Prof.(Dr.) Arunabha Datta Chaudhuri	Recent changes in guidelines on Programmatic Management of Drug Resistant Tuberculosis in India 2019: A Paradigm shift in Tuberculosis control	The Journal of Association of Chest Physicians	2020	Volume -8, Issue-2, July- December 2020,	

Departmental Service:

1. Bronchoscopy
2. Thoracoscopy
3. Sleep Study
4. PFT procedure
5. DLCO procedure.
6. FNAC from Pleura and Lung
7. Intercostal Tube drainage
8. Ultra Sonogrpahy
9. ABG procedure
10. Respiratory Care Unit
11. High Dependency Unit
12. Centre of Excellence in Drug Resistant TB Management.
13. Departmental Seminar
14. 24 Hours Chest Emergency Service.
15. Pleural Fluid aspiration for OPD and IPD patients.
16. Mantoux test

Multi Disciplinary Research Unit (DHR-ICMR)

<u>Name</u>	<u>Designation</u>
• Dr. Avijit Saha	Nodal Officer in Charge
• Dr. Tapas Kumar Sur	Research Scientist II
• Dr. Senjuti Sen	Research Scientist I
• Mrs. Arpita Nath	Medical Technologist-Laboratory
• Mr. Indrajit Ghosh	Medical Technologist-Laboratory
• Mr. Somnath Majumdar	Data Entry Operator

Extended Staff for COVID-19 Service:

<u>Name</u>	<u>Designation</u>
• Mrs. Suparna Roy Ganguly	Medical Technologist-Laboratory
• Mrs. Priyanka Das	Medical Technologist-Laboratory
• Ms. Srabani Bera	Medical Technologist-Laboratory
• Ms. Khusboo Kumari	Medical Technologist-Laboratory
• Mr. Pratap Mondal	Medical Technologist-Laboratory
• Md. Saukat Ali	Medical Technologist-Laboratory
• Mr. Manish Kumar Pal	Medical Technologist-Laboratory
• Mr. Prakash Chowdhury	Medical Technologist-Laboratory
• Mr. Arijit Nath	Medical Technologist-Laboratory
• Mr. Sandip Laha	Data Entry Operator
• Ms. Anindita Manna	Data Entry Operator
• Mr. Alik Das	Data Entry Operator
• Mr. Abdul Salamin	Data Entry Operator
• Mr. Narayan Biswas	Data Entry Operator
• Mr. Sudhansu Pal	GDA

Departmental Activities:

SARS-COV 2 (COVID-19) Detection Laboratory:

- Conducting **Rapid Antigen Test (RAT)** and **RT-PCR** for the detection of COVID-19 disease at **Fever Clinic** (Influenza like Illness) from 9 am to 5 pm and at **General Emergency Room** for 24 hrs X 7 days.
- RAT Test (Jan-Nov 2021): **Total 41,739**
- RT-PCR Test (Jan-Nov 2021): **Total 6,363**

Research Projects Status:

MRU of R.G. Kar Medical College Kolkata invited short-term proposals to increase health research activities at Institution and also collaborated with other Govt. Medical Colleges and Research Institutions. The project name, site, collaboration and status are given below:

Sl.	Project ID	Project Title	Investigators	Site / Collaboration	Status
1	MRU/21/01	Effect of purified standard extract of <i>Withania somnifera</i> , <i>Phyllanthus emblica</i> and <i>Shilajit</i> in SARS-CoV-2 recovery patients [ICMR CTRI Regn: 2020/12/029476]	Dr. S. Pandit Prof. T. K. Biswas Dr. Avijit Saha	JBR Ayurvedic Medical College & Hospital, Kolkata & MRU, RGKMCH	Ongoing
2	MRU/21/02	Comparison of sensitivity and specificity of CT scan, fungal culture, cytology and galactomannan assay in diagnosis of invasive pulmonary <i>aspergillosis</i> in a tertiary care hospital	Dr. Sangeeta Ghosh Dr. Avijit Saha Dr. Tapas K. Sur	Dept. Of Microbiology & MRU, RGKMCH	Ongoing
3	MRU/21/03	Assessments of Hypoxia Associated Biomarkers in Acute Respiratory Distress Syndrome (ARDS) in Covid-19 patients	Prof. Somnath Das Dr. Avijit Saha Dr. Tapas K. Sur	Dept. Forensic Medicine & MRU, RGKMCH	Ongoing
4	MRU/21/04	Risk based colposcopy and its relation to improved detection of cervical pre-cancers: A cross sectional study	Prof. R.P. Ganguly Dr. Ishita Singha Dr. Avijit Saha	Dept. of Gynaecology & Obstetrics & MRU, RGKMCH	Ongoing
5	MRU/21/05	Determination of fluoroquinolones in pharmaceutical formulations by liquid chromatography	Dr. Sarmila Nath Dr. Mousumi De Dr. Avijit Saha Dr. Tapas K. Sur	Dept. Pharmacology & MRU, RGKMCH	Ongoing
6	MRU/21/06	Biochemical assessments and clinical evaluations of biomarkers in COVID-19	Dr. Avijit Saha Dr. Sangeeta Ghosh	Dept. of Microbiology & MRU, RGKMCH	Ongoing

		infected patients: an observational study	Dr. Sandip Ghosh Dr. Tapas K. Sur		
7	MRU/21/07	Biosynthesis and characterization of anti-arthritic activity of silver nanoparticles of <i>Cissus quadrangularis</i> extracts on osteoarthritic rat knee model	Dr. Swati Bhattacharya Dr. S. A Begum Dr. T. Bhattacharya Dr. Tapas K. Sur	Dept. Pharmacology & MRU, RGKMCH	Ongoing
8	MRU/21/08	An explorative study on renoprotective and hypolipidemic role of <i>Punica granatum</i> in diabetic rodent model	Dr. Mousumi De Dr. Sharmila Nath Dr. S. Manna Dr. Tapas K. Sur	Dept. Pharmacology & MRU, RGKMCH	Ongoing
9	MRU/21/09	An explorative study on the role of <i>Pureria tuberosa</i> in alleviation of symptoms of chronic fatigue syndrome in rodent model	Dr. Tapas K. Bera Dr. R. Chattaraj Dr. Tapas K. Sur	Dept. Pharmacology & MRU, RGKMCH	Ongoing
10	MRU/21/10	Characterization and evaluation of renoprotective effect of <i>Crataeva nurvala</i> (Varun stem bark)	Dr. Tapas K. Bera Dr. G. Chakraborty Dr. Tapas K. Sur	Dept. Pharmacology & MRU, RGKMCH	Ongoing
11	MRU/21/11	Searching of bioactive molecules from invasive aquatic weed for sustainable development in West Bengal	Dr. Avijit Saha Dr. Tapas K. Sur	MRU, RGKMCH	Submitted to STBT, WB
12	MRU/21/12	Isolation and characterization of anti-hyperlipidemic principles derived from waste management of Kolkata fish market	Dr. S. Bhattacharya Dr. S. A Begum Dr. Avijit Saha Dr. Tapas K. Sur	Dept. Pharmacology & MRU, RGKMCH	Submitted to IEC
13	MRU/21/13	Study of prevalence of cytomegalovirus in male partner of infertile couple and its impact on seminal analysis in a tertiary care	Dr. Sagar Das Dr. Bosumita Sinha Dr. Kesab Rakshit Dr. Avijit Saha	Dept. Physiology & MRU, RGKMCH	Ongoing

		hospital			
14	MRU/21/14	Monocyte and macrophage mediated proinflammatory response and disease pathology can be modulated by cytokine inhibitors in rheumatoid arthritis	Dr. Avijit Saha Dr. S. Bandyopadhyay Dr. Tapas K. Sur Dr. Senjuti Sen	Dept. Medicine & MRU, RGKMCH	Submitted to IEC

Other Research Activities of MRU, RGKMCH:

- 1) A research concept has submitted to SERB (Science & Engineering Research Board, Govt. of India) in collaboration with Indian Institute of Science Education & Research (IISER), Kalyani, WB for extending research on advanced genomics study in SARS-CoV-2 variants and other possibilities.
- 2) The decision for grant-in-aid of research proposal entitled “*Searching of bioactive molecules from invasive aquatic weed for sustainable development in West Bengal*” is still pending from DST & BT, Govt. of WB.
- 3) Institutional Animal Ethics Committee (IAEC) and Research Advisory Committee (RAC) have reconstituted for promoting health research activities.
- 4) Applied for DSIR certificate through proper channel for RGKMCH, which is under process.
- 5) Collected relevant information and play key role in the preparation of Annual Report of RGKMCH-2021.
- 6) Assisting / guiding medical postdoctoral students in their thesis works.

Research Publication / Presentation of Scientific Papers:

- 1) Bhattacharyya S, Hazra AK, Chakraborty B, **Sur TK, Saha A**. Enumerate chlorogenic acid in different forms of by simple high performance thin layer chromatographic method. World J Adv Res Rev 2021; 9(2): 120-126. Doi: 10.30574/wjarr.2021.9.2.0051
- 2) Choudhuri S, Chowdhury IH, **Saha A**, Mitra B, Dastidar R, Roy RK. Acute monocyte pro inflammatory response predicts higher positive to negative acute phase reactants ratio and severe hemostatic derangement in dengue fever. Cytokines 2021; 146:155644. Doi:10.1016/j.cyto.2021.155644. Epub 2021 Jul 20.
- 3) Hazra A, Bhattacharyya D, Hazra AK, **Sur TK**. Antiradical and antiulcer effect of *Sonneratia apetala* Buch-Ham leaves against alcohol induced gastric mucosal injury. Ars Pharmaceutica (Spain) 2021; 62(4): 348-357. doi: 10.30827/ars.v62i4.20759
- 4) Pramanik T, **Sur TK**. Presence of antioxidants and nitric oxide precursors in *Mimosa pudica* extract. GSC Adv Res Rev 2021; 7(3):104-108. doi:10.30574/gscarr

- 5) Hazra A, **Sur TK**. Effect of IMT-03, an herbal formulation in cyclophosphamide-induced immunosuppression in mice. J Basic App Res Biomed 2021; 7(1):14-17. doi: 10.51152/jbarbiomed.v7i1.201
- 6) Ghosh S, Bera PK, **Saha A**, **Sur TK**. Comparative analysis of amoebic liver abscess versus pyogenic liver abscess on clinical and investigative consequences. JIMA 2021; (under review process)
- 7) **Saha A**, Ghosh S, **Sen S**, **Sur TK**. Rapid SARS-CoV-2 antigen detection assay in comparison with real-time RT-PCR assay for laboratory diagnosis in tertiary care COVID-19 hospital in Kolkata. Asian J Pharm Sci 2021; (submitted)

Book Chapter (Sur TK):

- Role of modern biological techniques in evidence-based validation of Ayurvedic herbometallic preparations. In: Evidence Based Validation of Traditional Medicines – A Comprehensive Approach. Subhash C Mandal (editor). Springer Nature, Singapore, 2021, 313-336 (ISBN 978-981-15-8126-7)

Popular Article / Review (Sur TK):

- Pramanik T, Pandit S, **Sur TK**. Mucormycosis: A serious concomitant in Covid-19 patients. Global J Res Analysis 2021; 10(8): 1-3. doi:10.36106/gjra

Participation in Scientific Conference:

- 1) **Saha A** has been participated in the workshop for faculty development (CME) organized by National Medical Commission, Christian Medical College, Ludhiana at R.G. Kar Medical College, Kolkata from 1st to 3rd September 2021.
- 2) **Saha A** has been participated in the annual national ACCLMP Conference as Panelist in August 2021 and as a Guest speaker in pre conference CME of 7th ACCLMP CON in March 21.
- 3) **Sur TK** has been actively participated in the International Webinar on “Impact of Digital Revolution on Pharma & Healthcare” organized by Dept. of IT & CHST, Indian Institute of Engineering Science & Technology (IIST), Shibpur from 29th Jan to 2nd Feb, 2021.
- 4) **Sur TK**, Pandit S, Biswas TK, Jana U. Assessment of herbal medicine in the management of cardiovascular risks. 8th National Convention of Society for Ethnopharmacology, CSIR-Indian Institute of Chemical Biology (IICB), Salt Lake, Kolkata, 10th December, 2021.

Award:

- **Dr. Tapas Kumar Sur** received *Incredible Scientist of India* Award by Record Owner, Delhi NCR, India on 23rd August, 2021.

Department of Blood Bank

<u>Sl. No.</u>	<u>Name of Employees</u>	<u>Designation</u>
1.	Dr. Malay Ghosh	Director, R.B.T.C
2.	Dr. Srabasti Sikder	Medical Officer
3.	Dr. Ajana Boral	Medical Officer
4.	Apu Das Gupta	Medical Technologist (W.B.H.S)
5.	Susanta Mitra	Medical Technologist (W.B.H.S)
6.	Soumitra Sen	Medical Technologist (W.B.H.S)
7.	Devjyoti Ganguly	Medical Technologist(W.B.H.S)
8.	Sanjoy Mullick	Medical Technologist(W.B.H.S)
9.	Sujoy Roy	Medical Technologist (W.B.H.S)
10.	Rajib Chakraborty	Medical Technologist (W.B.H.S)
11.	Bireswar Pal	Medical Technologist (W.B.H.S)
12.	Raj Kr. Das	Medical Technologist (W.B.H.S)
13.	Nisha Chettri	Medical Technologist (W.B.H.S)
14.	Mila De Chowdhury	Staff Nurse (W.B.H.S)
15.	Ishani Banerjee	Technical Supervisor (N.H.M)
16.	Manoj Sharma	Technical Supervisor (N.H.M)
17.	Sudipta Bhowmik	Medical Technologist (N.H.M)
18.	Amit Ghosh	Medical Technologist (N.H.M)
19.	Rumy Sur	Medical Technologist (N.H.M)
20.	Deepanjana Mondal	Medical Technologist (N.H.M)
21.	Pradip Akhuli	Medical Technologist (N.H.M)
22.	Surajit Sen	Medical Technologist (N.A.C.O)
23.	Rashmi Pal	Medical Technologist (N.A.C.O)
24.	Raktim Das	Medical Technologist (N.A.C.O)
25.	Soumyajit Ganguly	Medical Technologist (S.B.T.C.)
26.	Goutam Bhar	Medical Technologist (S.B.T.C.)
27.	Shyamali Saha	Medical Technologist(S.B.T.C.)
28.	Lipika Saha	Medical Technologist(S.B.T.C.)
29.	Sanjoy Dey	Counselor (N.A.C.O)
30.	Sraboni Ghosh	Counselor (N.H.M)
31.	Karuna Mondal	GDA
32.	Ajoy Das	GDA
33.	Joydeb Singha	GDA
34.	Raju Balmiki	Sweeper
35.	Dhulo Das	Sweeper

Total Collection Year of 2020 -2021

a.	Total Collection	18950
b.	Voluntary Blood Donation Camp	14275
c.	In House Collection	4675

Percentage of Component Separated: 98.50%

Name of Different Components Available:

- a. Conc. RBC (PRBC)
- b. Washed RBC
- c. Fresh Frozen Plasma (FFP)
- d. Frozen Plasma (FP)
- e. Cryo Precipitated AHF
- f. Cryo Poor Plasma (CPP)
- g. Random Donor Platelet (RDP)
- h. Platelet Rich Plasma (PRP)

Special Activities Performed:

- 100 % Cross Matching by Gel Technique (CAT)
- Phenotypically matched blood supplied for repeated transfusion cases (i.e Thallasseamia, CHA, CML, Blood Dyscrasias)
- PRP Preparation for Therapy
- DCT, IIT for Neonates & Mother
- Blood Grouping for Antenatal Mothers, Neonates & Patients (when required)
- Supply of PRBC, RDP & FFP to other Departments for research & diagnostic activities.
- Supply of FFP to Government approved house for Plasma Fractionation (to prepare Albumin, Factor VIII etc.)
- Internal & External Quality Assurance with MCH Kolkala, CMC Vellor, & IRCS, India.

Statistics for different Blood Component during in the year 2020 -2021:

Blood & Blood Components	PRBC	FFP	RDP	CRYO	PRP
Prepared	18661	18396	6133	145	119
Supplied	18288	17906	6203	180	117

Department of Central Library

Location & Floor Area:

- Academic Building (8th & 9th Floor)
- 32000 sq. ft.

Library Hours:

- 8:00 a.m to 10:00 p.m

Books in Library:

- Number of books: 36559
- Books for Undergraduate Students: 24642
- Books for Postgraduate Students: 11917
- Number of DVD CD Text: 1123

Addition of Books (last 3 years)

- 2018-2019: 526
- 2019-2020: 236
- 2020-2021: 078

Journals & Thesis in Library:

- Number of Indian Journals: 53
- Number of Foreign Journals: 47
- Number of Thesis: 1095

Number of Back Issue Volume:

- Number of Back Volume Journals: 21000
- Number of Back Volume Indian Journals: 6309
- Number of Back Volume Foreign Journals: 14691
- E-journals access available

Seating Arrangements:

- Undergraduate Students: 250
- Postgraduate Students: 50
- M.O & Teachers: 30

Name of the Library Staffs

- Sukanta Kumar Roy
- Shankar Sinha
- Pritilata Roy
- Ashis Ghosh Dastidar
- Uma Mukherjee
- Suman Chakraborty
- Reajul Huq Biswas
- Biswanath Das (Deputation)
- Khagendal Mon
- Upananda Halder
- Soumen Paul
- Sudip

Designation

Librarian
Librarian
Librarian
GDA
GDA
GDA
GDA
SSO
Mess Worker
Mess Worker
Scavenging (GDA)
Scavenging

