



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

Pediatric Medicine (Pediatrics)

Faculty

Dr. Supratim Datta	DCH, MD	Professor & HOD
Dr. Sumana (Datta) Kanjilal	DCH, MD	Professor
Dr. MrinalKanti Das	DCH, MD	Professor
Dr. Malay Kumar Sinha	DCH, MD	Professor
Dr. Dipankar Gupta	DCH, MD, DNB, DM(Neuro)	Associate Professor
Dr. Lopamudra Mishra	MD	Assistant Professor
Dr. Sananda Pati	MD, MRCPCH	Assistant Professor
Dr. Satyabrata Roy Chowdhury	-	Assistant Professor
Dr. Sayantani Panigrahi	MD	Senior Resident
Dr. Labanya Chowdhuri	DNB	Senior Resident
Dr. Soumyadeep Kundu	DNB	Senior Resident
Dr. Prerna Goenka	DCH	Senior Resident
Dr. Uttiya Saha	MD	Senior Resident
Dr. Sreejata Mazumdar	MD	Senior Resident

Promotion, Joining and Transfer of Faculty

- Dr. Pritam Singha Roy, Pediatric Haemato-Oncologist joined as part time Consultant.
- Dr. Tamoghna Biswas joined DM in Pediatric Hepatology in 'Institute of Liver and Biliary Sciences', New Delhi.
- Senior Residents Dr Soumya Kanti Das joined DM Neurology Tooticorin Govt. Medical College, Dr Srijib Mukherjee joined FNB Pediatric Hematology at SGRH New Delhi, Dr. Anuradha Agarwal joined DNBSS Cardiology Fortis Hospital, New Delhi and left.
- Dr. Saheli Roy joined DrDNB Pediatric Neurology at Hinduja Hospital Mumbai, Dr Mohsina Naj joined DM Nephrology at IPGME&R, Dr. Sanchali Chakraborty joined DM Neurology at BIN and left.
- Dr. Sayantani Panigrahi, Dr. Labanya Chowdhuri joined as Senior Residents.

Present Postgraduate Trainees

From the Session 2017 Post graduate seats have been increased from 4 to 9

Session 2020-23	Session 2021-24
Dr. Soumyadeep Sarkar	Dr. Sandeep Ghosh
Dr. Emilee Das	Dr. Saherin Jesmin
Dr. Norbu Sherpa	Dr. Moumita Das
Dr. Shruti Kanjilal	Dr. Amrita Ray
Dr. Pallabi Hui	Dr. Mousumi Khatun
Dr. Arnab Ghoshal	Dr. Shreya Halder
Dr. Ahitagni Banerjee	Dr. Purbali Ghosh

Dr. Sumit Sarkar	Dr. Sukanya Datta Dr. Md. Babar Ali
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Passed Out Post Graduate Students in 2021

Dr. Abhik Paul, Dr. Saheli Roy, Dr. Somnath Mitra, Dr. Niva Lakra, Dr. Mondal Abdul Rahim, Dr. Roshni Mondal, Dr. Akshay Rana, Dr. Ripan Saha, Dr. Tuhindeb Das passed MD Pediatrics examination in 2022. Dr. Abhik Paul, Dr. Saheli Roy, Dr. Somnath Mitra, Dr. Niva Lakra, Dr. Mondal Abdul Rahim, Dr. Roshni Mondal, Dr. Akshay Rana, **joined as Senior Resident under indemnity bond in the same institution.**

Departmental Achievements

- Selected as one of the centres from Eastern India for the nation wide Project Congenital Rubella Syndrome Surveillance (CRSS) under ICMR
- Started Paediatric Oncology services with dedicated beds for cancer patients and regular chemotherapy.
- Started treatment of rare diseases like Gauchers disease and MPS by enzyme replacement.
- Regular Telemedicine duty by Senior residents and faculties of Paediatric Medicine under Swasthyaangiit and State Telemedicine hub
- Regular running of Day care Thalassemia Clinic on Monday, Wednesday, Friday by the doctors of the Paediatric Medicine Department at Kolkata Police Hospital.

Thesis topics

1. Dr. Sandeep Ghosh - Clinico-epidemiological and electrophysiological study in Guillain-Barre Syndrome in children in a tertiary care hospital
2. Dr. Saherin Jesmin - Study on knowledge, attitude, practice and impact of hospitalization among the parents of thalassemia patients attending pediatric ward of a tertiary care hospital in Kolkata.
3. Dr. Moumita Das - Clinico epidemiological and laboratory profile of snake envenomation with hospital based outcome in pediatric population at tertiary care hospital
4. Dr. Amrita Ray - Clinicopathological profile and short-term outcome of idiopathic steroid resistant nephrotic syndrome in children
5. Dr. Mousumi Khatun - Utility of Red Cell Distribution Width and Mentzers index in screening of beta thalassemia and HbE trait
6. Dr. Shreya Halder - Study on Clinico-immunological profile and Short-term Outcome in Pediatric Systemic Lupus Erythematosus in a Tertiary Care Centre in Eastern India.
7. Dr. Purbali Ghosh - a study on the spectrum of clinicoepidemiological and laboratory parameters in rheumatic diseases of children in a tertiary care center in West Bengal.
8. Dr. Sukanya Datta - A study on feeding problems and nutritional status in children with cerebral palsy in a tertiary care center of eastern India.
9. Md. Babar Ali - A STUDY ON clinico-epidemiological and biochemical profile of Wilson disease In a tertiary care center of eastern India
10. Dr. Ahitagni Banerjee: A study on electrolyte imbalance and acid base disorders in critically ill children in a tertiary care hospital in the light of PRISM 3 SCORE.
11. Dr. Arnab Ghoshal: A study of serum 25(OH) vitamin D3 status and bone age in transfusion dependent thalassemia and non-transfusion dependent thalassemia in children in a tertiary care hospital
12. Dr. Pallabi Hui: Clinico-etiological profile of hypertension in children (3-12 years): a cross sectional study in a tertiary care centre of eastern India
13. Dr. Norbu Sherpa: "Clinico-epidemiological profile of Henoch-Schoenlein purpura in children admitted in a tertiary care center"
14. Dr. Emilee Das: Clinico-epidemiological, serological and inflammatory profile of Newly Diagnosed Childhood Arthritis in a tertiary care center of eastern India
15. Dr. Shruti Kanjilal: Clinicopathological Spectrum of renal diseases requiring Renal Biopsies in Children
16. Dr. Sumit Sarkar: A study on clinical and neuroimaging profile and short-term behavioral outcome of children with acute disseminated encephalomyelitis in a tertiary care hospital
17. Dr. Soumyadeep Sarkar: Hematological parameters and inflammatory markers in patients of severe sepsis with their prognostic significance in pediatric critical care unit of a tertiary care hospital

Academic Activities of the Department

- Regular postgraduate and undergraduate teaching and clinical training
- Weekly seminars and case presentation
- Monthly Mortality Meeting
- Journal club, Inter-departmental discussion, Guest Lectures
- Neurology and PICU clinical meet
- WBAP clinical meeting yearly held in November every Year
- Pediatric Quiz (Indian Academy of Pediatrics) PG and UG

Academic achievements of PGTs and UG students in last 1year

1. Dr. Saherin Jesmin, Dr. Sandeep Ghosh, Dr. Moumita Das, Dr. Mousumi Khatun, Dr. Shreya Halder, Dr. Purbali Ghosh, Dr. Sukanya Datta and Dr. Md Babar Ali participated in the WBAP Clinical Meeting at IPGMER in December 2022.
2. Dr. Saheli Roy was awarded Best Thesis award at WBAP PEDICON 2022 for her thesis "Xmn1 polymorphism of HBG2 gene: A silver lining for hydroxyurea therapy in non-transfusion dependent thalassemia".
3. Dr Pallabi Hui published an article "Hypertension in Children" in the journal of 41 WB Pedicon
4. Dr. Ahitagni Banerjee, Dr. Saherin Jesmin, Dr. Sandeep Ghosh, Dr. Moumita Das, Dr. Purbali Ghosh, Dr. Sukanya Datta and Dr. Md Babar Ali presented posters in WBAP PEDICON 2022.
5. Dr. Purbali Ghosh, Dr. Sukanya Datta and Dr. Md Babar Ali completed Basic NRP certification course by IAP.
6. Dr Soumyadeep Sarkar and Dr. Emilee Das completed advanced and basic neonatal resuscitation training course
7. Dr Soumyadeep Sarkar and Dr. Emilee Das Completed the basic course in Biomedical Research .
8. Dr. Ahitagni Banerjee and Dr. Soumyadeep Sarkar were Winners of EsphaganORS day Gastroenterology and Hepatology quiz 2022.
9. Dr Soumyadeep Sarkar and Dr. Emilee Das were Runners up in NNF quiz 2022 divisional round.
10. Dr Soumyadeep Sarkar and Dr. Amrita Ray were Winners of IAP PG quiz Divisional and Zonal round 2022
11. Dr Soumyadeep Sarkar received first prize for Oral presentation in Annual Office Practice CME in 2022
12. Dr Soumyadeep Sarkar was First runner up in national round of Torrent young scholar Award. 2022 (TYSA) in paediatrics.
13. Dr Soumyadeep Sarkar, Dr. Emilee Das, Dr. Norbu Sherpa were Co authors in "Frightening Fever: Familial Cold Autoinflammatory Syndrome 2 (FCAS2) with Macrophage Activation Syndrome (MAS)" published in Indian Journal of Pediatrics
14. Dr Norbu Sherpa was selected for an oral presentation on "A Child with Bleeding Gut and Swollen Joints" at 5th Annual Conference of West Bengal Pediatric Rheumatology Society on 01-05-2022.
15. Dr Norbu Sherpa presented poster on "Clinico-Epidemiological Profile of Henoch-Schoenlein Purpura Admitted in a Tertiary Care Centre" at 5th Annual Conference of West Bengal Academy of Pediatric Rheumatology on 01-05-2022.
16. Dr Ahitagni Banerjee: Presented at poster on Congenital Myasthenia Gravis, IAP PEDICON NOIDA.
17. Dr Ahitagni Banerjee E-poster Case series on Juvenile Dermatomyositis at 5th Annual Conference of West Bengal Pediatric Rheumatology Society on 01-05-2022.
18. Dr Ahitagni Banerjee presented Poster at WBPEDICON 22
19. Dr Ahitagni Banerjee Won first prize for oral presentation on Hepatitis B immunization at SDLD world hepatitis day.
20. Dr Ahitagni Banerjee and Dr. Arnab Ghoshal and Sumit Sarkar published a case report Congenital myasthenic syndrome: a tale of two siblings. International Journal of Neuroscience. 2022, DOI: 10.1080/00207454.2022.2100774.

Publications from the Department:

1. Biswas M, Das MK, Sinha M. Study on Risk Factors for Relapse in Childhood Nephrotic Syndrome in A tertiary Care Centre of Eastern India. IJSR, 2022; 11(2): 76-80. DOI : 10.36106/ijsr

2. Hui P, Kanjilal S, Biswas T, Dutta AK, Bhattacharjee D, Das MK. Congenital chloride diarrhoea presenting as dilated fetal bowel loops. *Journal of Pediatrics and Neonatology* ,2022;63(6) : 653-54. DOI: <https://doi.org/10.1016/j.pedneo.2022.06.004>
3. Roy S, Basu S, Gupta P, Dattakanjilal S, Das MK. Allgrove Syndrome: Case Series on 4A and Tripple A Syndrome in Children with Atypical Presentation. *Med J DY Patil Vidyapeeth*, Accepted on 13.4.2022 for publication
4. Sinha S, Dutta AK, BhattachayyaP,Bhattacharyya S, Das MK. Spectrum of Rare and Novel Indel Mutations Responsible for Beta Thalassemia in Eastern India. *Indian Journal of Clinical Biochemistry*, Accepted for publication 2022.
5. Pati S, Sarkar S, Das E, Sherpa N, Das MK, Datta S. Frightening Fever: Familial Cold Autoinflammatory Syndrome 2 (FCAS-2) with Macrophage Activation Syndrome (MAS). *IJP*,2022;89(10):1055 DOI:10.1007/s12098-022-04322-w
6. Pati S, Das MK, SahaA,Datta R, Bag S,Mondal S. Anti-NMDA receptor encephalitis in children : A study from Eastern India. *Sri Lanka Journal of Child Health*, 2022 ;51(4):513-518.
7. Das T, Misra Roy S, Gupta D, Das MK, Kanjilal S. Status of Thyroid Function and Serum Ferritin in Children with Transfusionb Dependent and Non-transfusion Dependent Thalassemias : An Observational Study from Eastern India. *IJSR*,2022;11(12): 1-3.
8. Sen J, Datta Kanjilal Sumana , Molla HR,Gupta P, Basu S & Sarkar S. Effects of sodium valproate &levetiracetam monotherapy on vitamin D status in epileptic children : A study from Eastern India. *Sri Lanka Journal of Child Health*, 2022; 51(3): 364-368
9. Ahitagni Banerjee, Sumana Datta Kanjilal, Tamoghna Biswas, Arnab Ghoshal and Sumit Sarkar. Congenital myasthenic syndrome: a tale of two siblings. *International Journal of Neuroscience*. 2022, DOI: 10.1080/00207454.2022.2100774.
10. Ganguly A, Halder P, Pal U, Sarkar S, Datta S, Pati S et al . Risk of Atrioventricular Septal Defects in Down syndrome: Association of MTHFR C677T and RFC1 A80G polymorphisms in Indian Bengali cohort. *jhg* 2021; 5 (1).

FACULTY NEWS

Prof. Supratim Datta

Professor and Head of the Department

- Convenor and Internal Examiner at MD (Paediatrics) examination of 2022 in IPGMER held in May 2022.
- Adjudicator of theses of post graduate students.
- Principal Investigator in Congenital Rubella Syndrome Surveillance (CRSS) project under ICMR
- Principal Investigator of project titled "Immune response in downs syndrome adolescents post SARSCovid vaccination"
- Principal Investigator of Project titled "Investigationof genetic and epidemiological risk factors associated with the occurrence of congenital heart disorder in individuals with Downs Syndrome"

Conferences:

Faculty in

- 1.WB PEDIATRIC RHEUMATOLOGY CONFERENCE
- 2.ASTMACON
- 3.VACCICON
- 4.RARE DISEASE SYMPOSIUM by IAMG

Prof. Sumana (Datta) Kanjilal

Research Work:

Undergoing a study on " The changing trends in etiological and clinico- radiological profiles and long term outcomes of acute encephalitis syndrome among children below 15 years of age: a prospective bicentric study"- as Co-PI with Prof. Biman Kanti Roy as PI, at Bangur Institute of Neurology , funded by MEU, IPGMER & SSKM Hospital, Kolkata.

Examiner :.

1. Examiner –DNB (Pediatrics) Practical Examination at Hyderabad, December,2022
2. Moderator- MD (Pediatrics) Examination of Tripura University, Agartala, March,2022
3. Paper setter - DNB Final Examination on Pediatrics and pediatric critical care, Jan-Feb,2022
4. Adjudicator of theses of Srimanta Sankardeva University of Health Science, Guwahati, February,2022.

Conference Participation :

1. Judge of Award paper session of WBPEDICON, December,2022.
2. Took 'TOT' on workshop of Adolescent counseling Practices on Asian Congress of Adolescon,2022. Nov 2022.
3. Chairperson of 'Autoimmune Hepatitis' of Bengal ISPGAN, July 2022 and Voiding Disorders of Pediatric Nephrology.
4. Chairperson of Adolescon,2022. Nov 2022.
5. Attended 41 st National Neocon, CME on Tropical Pediatrics.

Others:

1. Member of Expert Committee of 'Sishu Sathi' programme of West Bengal Government
2. Guide of theses of post graduate students of IPGMER.
3. Guided the presentation of papers by PGTs in different conferences.

Prof. MrinalKanti Das

Academic Activities

- Thesis Guide of Post-graduate (M.D., Ped) students. Undergraduate and Postgraduate students teaching
- Guide of MD thesis of PG student, Dr Saheli Roy who received the best thesis paper award (Title : Xmn1 Polymorphism of HBG2 Gene : A silver lining for Hydroxyurea therapy in Non Transfusion Dependent Thalassemia) in 41 WB PEDICON held on 17,18 Dec, 2022.

Examiner:

- Paper setter for MD (Ped), under Gujarat University.
- External examiner for Formative Assessment Test for DNB (Pediatrics), 2022 held at B R Singh Hospital and Center for Medical Education and Research, Kolkata.
- Examiner for assessment of thesis for DrNB (Paediatric Cardiology),2022 under NBE, New Delhi.
- External Examiner for MD (Ped)Exam 2022 at B J Med College, Ahmedabad , Gujarat University
- External examiner for DNB (Ped) final practical examination held at CNMC, Kolkata on 5 th Feb, 2022.
- Subject expert to contribute to the question bank by NBEMS, New Delhi.

Expert Member: Appointed as Expert member for the selection board for teaching faculties in pediatrics for ESIC-PGIMSR & Medical college, Joka held on Dec, 2022

Attended as Faculty (chairperson) in :

- a) Monsoon CME of Pediatric Critical Care held on 24 th July, 2022 at Kolkata
- b) CME of SPGHAN, West Bengal held on 30,31 st July, 2022.

Research Project : Co-principal investigator of the research project

Role of Interferon Gamma Release Assay versus Tuberculin Skin Test for effective diagnosis of latent tuberculosis among children aged 5-14 years having high risk and household contacts of pulmonary tuberculosis in a tertiary care hospital. (NTEP- project)

Prof. Malay Kumar Sinha

- Theory paper setter of MD Pediatrics Examination other universities.
- Acted as internal examiner of MD (Pediatrics) examination 2022 at IPGMER
- Thesis adjudicator of MD (Pediatrics)
- Worked as AEFI – State Committee Member, Govt. of WB

Research Project :

- Co-principal investigator of the research project Congenital Rubella Syndrome Surveillance under ICMR

Dr. Dipankar Gupta

1. Undertook online and offline undergraduate and postgraduate classes
2. Guided pg students for oral and e poster presentation for WB Pedicon, 2022.
3. Adjudicator of PG thesis.
4. Conducted IPGME&R PAEDIATRICS CLINICAL MEET 2022

Conferences

- Neuropedicon, Srinagar, Kashmir, Sept 9-11
- Poster presentation at 41st State Pedicon 2022, Chinsurah, Hoggly (Rare case of congenital muscular dystrophy: The Collagen VI related myopathies)

Examination

- A. Convenor & internal examiner of 3rd Prof MBBS, IPGME&R (7.4.22-11.4.22)
 B. Convenor & internal examiner of 3rd Prof MBBS Exam, IPGME&R, Supply (7.7.2022)
 C. Paper setter of MBBS of Al-Karim University, Katihar

Research Project

Co-principal investigator of the research project: Congenital Rubella Syndrome Surveillance under ICMR

Dr. Bidhan Chandra Roy**PICU in charge IPGME&R**

Undertook online and offline undergraduate and postgraduate classes

- Examination:** 1. Internal examiner of 3rd Prof MBBS, IPGME&R (7.4.22-11.4.22)
 2. Internal Examiner of Supplementary 3rd Professional MBBS examination 2022 IPGME&R.

Research Project :

Co-principal investigator of the research project: Congenital Rubella Syndrome Surveillance under ICMR

Dr. Sananda Pati

- Regular patient management at OPD and IPD as Unit Incharge -1(B) at IPGME&R
- Member Institutional Ethical Committee IPGME&R
- Participated in regular teaching of undergraduate and postgraduate students both online and offline.
- Examiner in Internal Assessment of 3rd professional MBBS-11
- Guided pg students for oral and e poster presentation for IAP Clinical meet 2022. WB Pedicon, 2022.
- Co guide for dissertation of Post graduate students

Conferences and Academic events:

- Attended Neonatology conference NEOCON 2022, 1st -3rd Dec 2022 at Kolkata
- Attended Adolescecon 2022 4th-6th Nov 2022 at Kolkata
- Attended IAP clinical meet, MR surveillance CME, MR vaccination sensitization prog. at IPGME&R, Kolkata

Research Project : Co-principal investigator of the research projects

1. Congenital Rubella Syndrome Surveillance under ICMR
2. Immune response in down's syndrome adolescents post SARS-Covid vaccination
3. Investigation of genetic and epidemiological risk factors associated with the occurrence of congenital heart disorder in individuals with Down's Syndrome
4. Efficacy, safety, tolerability and pharmacokinetics of Tofacitinib for treatment of Systemic JIA with active systemic features in children and adolescent subjects

SERVICE INFORMATION

Total no. of Beds 90 – at Alexandra ward, 4th floor Main building as General Pediatric and Specialty Pediatric Ward

Total annual admission in Pediatric ward – **5471 in 2022**

[6973 in 2021, 4224 in 2020, 5977 in 2019, 5214 in 2018, 5155 in 2017, 4141 in 2016 and 2945 in 2015]

Total annual death in Pediatric ward – **195 (3.5%)**

[349(5%) in 2021,262 (6.2%) in 2020, 248 (4.8%)in 2019,248 (4.8%) 2018, 117 (2.27%) in 2017,242 (5.84%) in 2016 and 159 (5.05%) in 2015]

Patient care is rendered by all tiers of doctors including the House physicians and interneers.

Clinical Attachments of PGTs – to the NICU (Departmental of Neonatology) and PICU in addition to Pediatric ward and Paediatric Oncology ward. Thalassaemia day care unit at Kolkata Police Hospital is run by doctors of our department.

Pediatric Intensive Care Unit (PICU) – 7bedded at present with a 3 bedded step down ward running at present.

- Total Admission in PICU (Dec21 to Nov22):**517**[418 in 2021,410 in 2020, 441 in 2019;414 in 2018, 448 in 2017]
- Total PICU death :**199**
- Total patient in ventilation (Dec21 to Nov22): 168 (48 NIV)[154(including 24 in NIV) in 2021,203 in 2020, 125 in 2019,136 in 2018, 2017]
- Survival of ventilated patient (Dec21 to Nov22): 6%[39% in 2021, 56% in 2020, 25.6% in 2019, 40.44% in 2018,46.22% in 2017]

Pediatric medicine OPD and specialty clinics

Pediatric medicine OPD - At the ground floor of Eastern Wing of Main Block since April 2014

- Total annual attendance of patients:**66673**[45920 in 2021, 32345 in 2020, 55540 in 2019, 52330 in 2018,46356 in 2017,44686 in 2016]
- Old patients – **27380**[18162 in 2021,13210 in 2020, 24420 in 2019, 23918 in 2018,23580 in 2017, 21114 in 2016,]
- New patients – **39293**[19135 in 2020, 31120 in 2019, 28412 in 2018,25353 in 2017,23572 in 2016,]

Admission Days

Monday	Dr. Sumana (Datta) Kanjilal
Tuesday	Dr. Mrinal Kanti Das
Wednesday	Dr. Supratim Datta
Thursday	Dr. Dipankar Gupta
Friday	Dr. Malay Kumar Sinha
Saturday	Dr. Sananda Pati

Specialty Clinics

Special Clinics	In Charge	Days and time
Pediatric Nephrology	Dr Mrinal Kanti Das	Tuesday (12 - 3 pm)
Pediatric Haemato-oncology	Dr. Pritam Singha Roy	Tuesday, Thursday, Saturday (11 am – 2 pm)
Pediatric Endocrinology	In collaboration with Department of Endocrinology, Dr. Sananda Pati	Friday (12 pm – 2 pm)

Well Baby & Immunization Clinic – Every Wednesday and Friday

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

1. Khidirpur Maternity Home – Round the clock service by the doctors from this department during their Neonatology posting.