



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

## Ophthalmology

### FACULTY

Dr. Subhra Sarkar (Nag) MBBS, MS	Professor & Head
Dr. Smiti Rani Srivastava MS, FRCS	Associate professor
Dr. Amit Kumar Gupta MBBS, DO, MS	Associate professor
Dr. Shashwat Bhattacharyya MBBS, MS	Assistant professor
Dr. Arpita De MBBS, DO, MS	Tutor

Senior Residents	Postgraduate Trainees	Housestaff
Dr. Sonali Bhattacharya MBBS, DO	Dr Soumyajit Guha MBBS (2018-21)	Dr Rashmi Mahato MBBS *
Dr. Rajeev Priyadarshi MBBS, DO, DNB-1	Dr Kaustav Bhunia MBBS (2018-21)	Dr Roshni Jaiswal MBBS *
Dr. Aditi Kausik MBBS, DO, DNB	Dr Arpita Chunakar MBBS (2018-21)	Dr Arun Tudu MBBS
Dr. Supriya Gupta MBBS, MS		Dr Subham Sarkar MBBS
Dr. Navjot Kaur MBBS, DNB		
Dr Anchal Mitra (Resigned on 18.01.21)		
Dr Sneha Jain (Resigned on 31.03.21)		

\* Resigned on 16.12.2021

### Non-teaching staff

Mr. Surajit Kundu	Medical Technologist (PMOA)
Mr. Soumitra Chatterjee	Medical Technologist (PMOA)
Mr. Sankar Sardar	GDA
Mr. Gurudev Chowdhury BA, Double MA, BEd	GDA

### TRANSFERS, POSTINGS AND SUPERANNUATIONS

- Dr. Khandkar Fariduddin: promoted to Associate Professor and transferred to RIO, Kolkata on 30.11.21
- Dr. Amit Kumar Gupta: promoted to Associate Professor, IPGME&R. w.e.f. 27.11.21

### FACULTY NEWS

**Dr. Subhra Sarkar Nag**, Professor and HoD

Academics

- Conducted MBBS 3rd Prof Part 1 examinations
- Examiner for MS Ophthalmology unde WBUHS
- Thesis guide for MS Ophthalmology students
- Thesis adjudicator at WBUHS
- Journal reviewer - JCDR

- Paper presented at AIOC 2020, Gurugram: A study on epiphora and lacrimal obstruction in patients receiving Docataxel. Co-author.
- Poster at Asia Pacific ocular imaging society meeting in January 2020, Singapore-Malaysia joint hosts.

#### Current research

- Post panretinal photocoagulation visual outcome in diabetic retinopathy.
- Risk factors for ROP.

#### Conferences

- AIOC 2020 Gurugram
- OSWB 2020 virtual state conference

#### **Dr. Smiti Rani Srivastava**, Associate Professor

##### Academics

- Examiner for 3rd Professional part 1 MBBS Exams
- Examiner for Postgraduate Diploma in Ophthalmology exams at WBUHS
- Training: Underwent Basic course in Biomedical research vide Swayam.
- Research: Accepted MRU Project on congenital genetic defects in pediatric eye diseases in a tertiary care centre in Eastern India.

##### Publications

- Central corneal thickness and intra ocular pressure changes after congenital cataract surgery- a prospective study. IJAR, June 2020.
- COVID Associated mucormycosis: a study on the spectrum of clinical, biochemical and radiological findings in a series of ten patients, October -2021, ISSN 0004-5772, vol 69, JAPI
- Congenital Rubella Syndrome & its post-operative visual outcome- A prospective longitudinal study in a tertiary care hospital in Eastern India, Indian Journal OF Health Sciences And Biomedical Research (KLEU)
- Fungal Epidemic by Mucor, an Unprecedented Threat in Medical History: Our Experience from ENT Perspective. MUCORMYCOSIS An Official Publication of the Indian Medical Association.

#### **Dr. Shashwat Bhattacharyya**, Asst. Professor

##### Academics

- Teacher in charge for Paramedical D Optometry Course. Regularly conducted theory lectures, Ophthalmology Clinics and OT demonstration for undergraduate student. Postgraduate seminars and case discussion.
- Examiner for D Optometry course under SMFWB
- BCBR cycle 2 cleared in June 2021

##### Publications

- Randomized trial for fungal corneal ulcer- A comparison of outcome between two regimes of medical treatment with topical natamycin and topical voriconazole in a tertiary care Centre. August 2021 Panacea Journal of Medical Sciences 11(2) :289-296. Piyali Sarkar, Kumaresh Chandra Sarkar, Tridib Ranjan Naskar, Shashwat Bhattacharyya, Mukul Chandra Biswas.
- Juvenile systemic lupus erythematosus presenting as retinal vasculitis, July 2021 The Lancet Rheumatology 3(12). DOI:10.1016/S2665-9913(21)00076-X. Rashmi Roongta, Arghya Chattopadhyay, Shashwat Bhattacharyya, Alakendu Ghosh
- Central corneal thickness and optical disc changes in type -2 diabetes mellitus with diabetic retinopathy- A prospective cross-sectional study in a tertiary care centre. AL Ameen J Med Sci 2021; 14 (3): 241-247. Sarkar P, Sen PK, Bhattacharyya S, Sarkar KC and Biswas MC.
- An Observational study on the effectiveness & safety of anti-glaucoma medications in treatment naïve patients of primary open angle glaucoma. Aditi Maitra, Shashwat Bhattacharyya, Kumaresh Chandra Sarkar, Shatavisha Mukherjee, Sambuddha Ghosh, Santanu Kumar Tripathi. Panacea J Med Sci 2021; 11(1):134-139.
- **Journal referee:** NJO, KSOJ

##### Workshops, conferences & training attended

- RBCW teachers training IPGMR, August 2021.
- American Academy of Online Ophthalmology summit 2021

##### Clinical performance profile

- In charge of weekly special clinics: Medical Retina and ROP. Performing Intravitreal Injections for medical retina patients, Laser services for ROP and Medical retina.

**Dr. Amit Kumar Gupta**, Associate Professor

- Regularly conducted theory lectures, Ophthalmology clinic, OT demonstration for undergraduate students, postgraduate seminars and case discussion. Attended O.T.(as co-surgeon) in various departments like Neurosurgery, Otorhinolaryngology (Mucormycosis cases),Plastic surgery.
- In-charge: Oculoplasty and Glaucoma clinics.
- Examiner (viva) of D.Optomety under SMFWB through on line platform.

**Dr. Arpita De**, Tutor

- Had done regular eye OPD and eye emergency duties, assisted eye operations , also attended many tutorial Eye classes and examinations of under graduate students IPGME&R , Kolkata .
- Attended Urban health training centre.
- Attended rare diseases OPD.

**Dr Rajiv Priyadarshi**, SR

- Publication: Alam MS, Priyadarshi R. Intraocular osseous metaplasia. Indian Journal of Ophthalmology. 2020 Jun 1;68(6):1175.
- Presentation: Presented a paper at OSWB Dr. P.K . Chatterjee memorial PGT PAPER contest.

**Dr. Navjot Kaur**, SR

Publications

- Raj, Anuradha; Kaur, Navjot; Kaur, Navdeep1 Cavernous sinus thrombosis with central retinal artery occlusion in COVID-19, Indian Journal of Ophthalmology: May 2021 - Volume 69 - Issue 5 - p 1327-9.
- Kaur N, Raj A, Agrawal N. An insight to keratoconus: A corneal ectasia. Uttarakhand Journal of Ophthalmology. 2020;149(1):15-29

**Dr. Aditi Kaushik**, SR

- Fellowship in Phacoemulsification
- Article published in DJO (Delhi Journal Of Ophthalmology): Rajesh Hans, Aditi Kaushik, Mohamad Uzair, Smartphone Fundus Videography For Documentation Of Retinal And Optic Nerve Head Diseases. Delhi Journal Of Ophthalmology.2020; Vol 31, No(3):112-117.

**Dr. Supriya Gupta**, SR

- Long term fellowship Glaucoma LVPEI, Hyderabad (2013-2015)
- Ophthalmic surgeon at District hospital Mirzapur Uttar Pradesh 2016-2018
- Rural centre visit to Muchisha from SSKM.

**ACADEMIC ACTIVITIES**

- CME Program
- Classes of MBBS Students
- Classes of nursing and paramedic students
- Attendance to Seminars and other medical educational activities by the faculty members

**All the PGTs presented cases in the prestigious annual P.K. Chatterjee memorial paper competition under the aegis of the Ophthalmology Society of West Bengal.**

- **Dr. Soumyajit Guha**, PGT: Beyond the Smoke Screen: Moyamoya Disease presenting as Amaurosis
- **Dr. Kaustav Bhunia**, PGT: When the mist clears, the mystery deepens: A case of ARN mimicking endogenous Endophthalmitis.
- **Dr. Arpita Chunakar**, PGT: Double star –A case of atypical neuroretinitis as a presenting sign of SLE.

**DEPARTMENTAL NEWS**

**Achievements**

**New Eye Bank:** Permission was accorded by the Dept. of Health and Family Welfare, Govt. of West Bengal to start **A new Eye Bank**. A space was identified in the 1<sup>st</sup>. floor of the existing CTVS building for housing the new Eye Bank

Permission was accorded by the Dept. of Health and Family Welfare, Govt. of West Bengal to start **cornea grafting operation**

**Academic courses: MS (Ophthalmology)** curriculum from the academic year 2020-21 has started and continuing.

**New space:** OPD complex shifted to 2<sup>nd</sup> Floor of new OPD building.

**New Instruments and equipment** are procured through the Institute

**New scopes in New Year:**

- A new Eye OT has been allotted and will start functioning soon at 4<sup>th</sup> floor new OPD building.
- Procurement of specialised Ophthalmology OT table
- Digital slit lamp with integrated camera,
- Advanced operating microscope

**SPECIAL PROGRAMMES IN THE DEPARTMENT**

- Observation of 36<sup>th</sup> National Eye Donation Program -counseling and distribution of leaflets were done with proper COVID-19 protocols
- Observation of Glaucoma week
- Observation of World Sight Day

**OUTREACH PROGRAMMES:**

- Doctors attended regularly the Rural Health Training Centre (RHTC) at Muchisa and Urban Health Training Centre (UHTC) at New Alipur.
- School Eye Screening programmes were conducted with distribution of free spectacles in Schools by the PMOA.

**SERVICE INFORMATION**

Performance (up to 30.11.2021)

- OPD Patients- (New and Old 54326)
- Refraction 8791
- Cataract operation 576
- Yag Laser treatment (For post-cataract posterior capsular opacification and for glaucoma iridectomy) 62
- Automated Perimetry 492 (Including neuro-ophthalmological cases)
- OCT
- Glaucoma clinic (New & Old) 632
- ROP Screening: Baby screened 825, Total screening 3263 ; detected 127; No. of babies Laser therapy done 34; No. of laser sittings 53
- **Hospital Cornea Retrieval Programme:** Run by Sankara Nethralaya, Kolkata, by permission from the Govt. of West Bengal, Dept. of Health & Family Welfare and in collaboration with SSKM Hospitals, Kolkata.

**Specialized services available at:**

- Glaucoma clinic
- Cornea clinic
- Pediatric Ophthalmology clinic
- ROP clinic
- Squint clinic
- Vitreo-Retina Clinic
- Neuro-ophthalmology clinic in association with Neuromedicine and Neurosurgery (BIN)
- Oculoplasty clinic

**Facilities available:**

- Refraction under autorefractometer
- Cataract surgery -- SICS/Phacoemulsification with Posterior chamber Lens Implantation (Rigid / Foldable)
- Yag Laser application For Post cataract posterior capsular opacification and for glaucoma iridotomy
- ROP screening and treatment with Green Laser at SNCU, Dept of Neonatology at SNCU, Dept of Neonatology
- Fundus Camera with FFA
- Humphrey Visual Field Analyzer – serves both glaucoma clinic and Neuro-ophthalmology clinics.
- Heidelberg Tomograph (OCT)
- Retinal Green LASER for vitreoretinal procedures
- Specular microscope.
- Operative Microscope 2.

**Maintenance of COVID-19 protocols:**

1. Isolation room with separate wash room facility for new admitted cases.
  2. U-V light in OT.
  3. Use of PPE with separate room for disposal.
  4. Provision of plastic screen in OPD for safety of staff.
  5. Attachment of X-Ray film in slit lamp for maintaining separation between patient & doctor.
  6. Use of face guard in examination of children & non-co-operative patients.
  7. Restriction of patients for Automated perimetry & OCT done after COVID-19 Test.
  8. Routine pre-op COVID-19 testing in all elective cases mandatory.
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