

Ophthalmology

FACULTY

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

Senior residents and Housestaff

Senior Residents	Housestaff
Dr. Sonali Bhattacharya MBBS, DO	Dr Ishani Gupta MBBS
Dr. Biswajit Mandal MBBS, DO,	Dr Rick Maity MBBS
Dr. Bhaskar Ghosh MBBS, MS	Dr Sitaram Murmu MBBS
Dr. Supriya Gupta, MBBS, MS (up to April 2022)	Dr Arun Tudu MBBS (up to September 2022)
Dr. Rajiv Priyadarshi, MBBS, DO, DNB (up to June 2022)	
Dr. Aditi Kaushik, MBBS, DO, DNB (up to September 2022)	
Dr. Navjot Kaur, MBBS, DNB (up to September 2022)	
Dr . Suhana Datta, MBBS, MS (up to June 2022)	

Postgraduate Trainees

Dr Soumyajit Guha MBBS (2020-23)
Dr Kaustav Bhunia MBBS (2020-23)
Dr Arpita Chunakar MBBS (2020-23)
Dr. Rituparna Sarkar (2021-24)
Dr. Tiyasha Koner (2021-2024)
Dr. Mariam (2021-2024)
Dr. Rabi Prakash Pilania (2022-2025)
Dr. Imran Azeem (2022-2025)

Non-teaching staff

Mr. Surajit Kundu	Medical Technologist (PMOA)
Mr. Soumitra Chatterjee	Medical Technologist (PMOA)
Mrs. Sutopa Das	OPD Sister (NS)
Mr. Gurudev Chowdhury	GDA
Mr. Jagannath Mallick	Karmabandhu

FACULTY NEWS

Dr. Subhra Nag, Professor and HOD, Dept. of Ophthalmology, IPGMER-SSKMH, Kolkata.

Academics:

- Convenor MBBS 3rd Prof Part 1 examinations
- Examiner for MS Ophthalmology and MBBS Examinations under WBUHS
- Thesis guide for MS Ophthalmology students
- Thesis adjudicator at WBUHS
- Journal reviewer – JCDR

Current research:

- Post panretinal photocoagulation visual outcome in diabetic retinopathy.
- Risk factors for ROP.
- Correlation between platelet morphological indices in relation to severity of T2DM in Diabetes mellitus
- Retinal nerve fibre thickness in different stages of Alzheimer Disease

- Spectrum of Retinal changes following HCQ therapy in SLE patients

Project:

- Multidisciplinary Rubella Project, IPGMER-SSKM

Clinical Performances:

- Teacher for MS , MBBS , D Opt. students and
- Routine OPDs and OTs, PG seminars, Case discussions etc.
- Special clinics in Glaucoma and Cornea
- Member in Rare disease committee and their checkups weekly, Disability boards

Publications:

- Co-author of a paper published in International Journal of Ophthalmology ,titled "Clinical outcome of orbital apex syndrome in COVID associated Mucormycosis patients in a tertiary care hospital" . International Journal of Ophthalmology (IJO) 2022 Vol.15 No. (4):527-532 .

Conferences:

- OSWB 2022 state conference

Dr. Smiti Rani Srivastava, Associate Professor, IPGME&R-SSKM

In-Charge EYE Deptt. of S.N.P .Hospital, Annex I, IPGMER

Academics

- Examiner for 3rd Professional part 1 MBBS Exams and Examiner for Postgraduate Diploma in Ophthalmology exams at WBUHS
- 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.
- Thesis guide for MS Ophthalmology students
- Thesis adjudicator at WBUHS.

Publications

- Clinical outcome of orbital apex syndrome in COVID associated mucormycosis patients in a tertiary care hospital-Smiti Rani Srivastava, Purban Ganguly, Debasis Barman et all. International Journal of Ophthalmology (IJO) 2022 Vol.15 No. (4):527-532 .
- Loneliness and Social Support Experience by COVID-19 Patients Attending a Telemedicine Centre of a Tertiary Care Hospital in Kolkata .A Cross –Section Study. Dutta S.Shukla V. Srivastava SR,Bysack RK,Mukherjee M,Basu M.JCDR. Nov 2022;16(11):6-12
- 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. Amit Kumar Gupta, Associate Professor, IPGME&R-SSKM

- 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 ,Plastic surgery.
- Special clinics - Oculoplasty and Glaucoma clinics.
- Examiner (viva) of D. Optometry under SMFWB through on line & of line platform.
- Internal examiner of 3rd prof. Part-1 MBBS examination WBUHS (July 2022) at IPGME&R.
- External examiner for D.Opto (final)examination SMFWB at NRSMC in September 2022.
- Internal examiner of D.Opto (Preliminary & final) examination SMFWB at IPGME&R in September 2022

Dr. Shashwat Bhattacharyya, Asst. Professor, IPGME&R-SSKM

Academics

- Member MEU,IPGMER

- Teacher in charge for Paramedical D Optometry Course Regularly Conducted Theory Lecture, OPHTHALMOLOGY CLINICS and OT demonstration for undergraduate Students Postgraduate Students. Postgraduate Seminars and case discussion.
- Examiner for D Optometry course under SMFWB
- MRCS Ophthalmology Glasgow: Passed in May 2022

Publications

- Correlation of obesity type with Diabetic Retinopathy in an Indian Population. EC Ophthalmology 13.4(2022):74-82 Rounak Das,Sambuddha Ghosh*, Shashwat Bhattacharya and Arun K Sharma 10 Ophthalmologist.

Workshops, conferences & training attended

- * Chief instructor at OSWB Annual Conference November 2022
- American Academy Of Online Ophthalmology Summit 2022

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. performing Surgeries at Newly Started Cataract OT at SNPH.

Dr. Arpita De, Tutor, IPGME&R-SSKMH,

- 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 .
- Passed DNB OPHTHALMOLOGY in 2022
- Hands on Training on Eye banking and corneal transplantation surgery at RIO Kolkata from 13/05/2022 to 28/05/2022.
- Passed Basic course in biomedical research in 2022.

Dr. Biswajit Mandal, Medical Officer

- Hands on Training on Eye banking and corneal transplantation surgery at RIO Kolkata from 15.07.22 to 30.07.22
- OPD, OTs and Emergency
- Swasthya Ingit

Dr. Sonali Bhattacharya, Medical Officer

- OPD and Emergency

DEPARTMENTAL NEWS

1. Achievements of Post-graduate Trainee.

Dr. Soumyajit Guha, MS PGT:

- Presented paper at P.K .Chatterjee PGT paper presentation ,titled-"Visual Spectrum of Post COVID-19 Mucormycosis Infection n a Tertiary Care Hospital of Kolkata.
- Co-author of a paper published in International Journal of Ophthalmology ,titled "Clinical outcome of orbital apex syndrome in COVID associated Mucormycosis patients in a tertiary care hospital" . International Journal of Ophthalmology (IJO) 2022 Vol.15 No. (4):527-532 .
- Presented poster at ACOIN title "Beyond the Smoke Screen ; Moyamoya disease presenting as Amaurosis"

Dr. Kaustav Bhunia, MS PGT:

- State Conference (ACOIN'2022) Poster Presentation on "When the mist clears the mystery deepens : A case of ARN mimicking Endogenous Endophthalmitis., selected as SECOND BEST POSTER.
- State Conference (PK Chatterjee Paper Presentation. OSWB'22), Paper Presented on " Mean Platelet Volume (MPV) and HBA 1 c s correlatory markers for Diabetic retinopathy.
- Completed Basic Course in Biomedical Research.

Dr. Arpita Chunakar ,MS PGT:

- ACOIN WEST BENGAL CHAPTER 2022, PGT Poster presentation competition" FOURTH BEST POSTER"Topic : " Double star" – A case of SLE presenting as Neuroretinitis.
- Presented in Dr. P.K.CHATTERJEE PGT Free paper contest 2022 Topic " Visual outcome of retro bulbar amphotericin –B injection in COVID 19 associated Mucormycosis."
- Completed Basic Course in Biomedical Research with a score of 79%

Dr. Rituparna Sarkar, MS PGT

- Presented poster at ACOIN:comparative study of dry eye in phakic and pseudophakic patients

Dr. Tiyasha Koner, MS PGT

- Presented poster at ACOIN title:Tear film breakup pattern in case of Thyroid eye disease

2. PMOA Activities

- Mr Surajit Kundu ; Attended orientation training for NPCB at RIO, Kolkata on 23.3.2022, Taking active part in training refraction to D. Opt. students
- Mr Soumitra Chatterjee Attended orientation training for NPCB at RIO, Kolkata on 21.3.2022

3. New Eye Bank: With the permission by the Dept. of Health and Family Welfare, Govt. of West Bengal, a new Eye Bank in the ground floor of the existing CTVS building has started.

Cornea grafting operation (Keratoplasty) is going on.

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

5. New space: 1. OPD complex shifted to 2nd Floor of new OPD building. New OT complex is proposed to be shifted in the 4th floor of new OPD building.
2. Eye department, SNPH, Annex II, IPGMER, is included under our department.

6. New Instruments and equipment are procured through the Institute:-

1. Green laser
2. Slit lamp with Applanation tonometer
3. Specular microscope in Eye bank for cadaver eye
4. Autorefractometer
5. Low visual aid(LVA)
6. Flash Sterilisation Autoclave

7. New scopes in New Year:

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

8. SPECIAL PROGRAMMES IN THE DEPARTMENT

- * Observation of National Eye Donation Program –on 29.08.2022, LT-5, Academic building
- * Observation of Glaucoma Fortnight week – 2nd week of March, Eye Dept.

9. 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 30.11.2022)

- OPD Patients - (New and Old 62,491 up to Nov 22)
- Refraction - 15993
- Cataract operation - 1684 (M+F) up to Nov22
- Non-cataract operations-585
- Keratoplasty 23
- YAG Laser treatment (For post-cataract posterior capsular opacification and for glaucoma (peripheral iridectomy) 69
- Automated Perimetry - 558 (Including neuro-ophthalmological cases)
- Glaucoma clinic (New & Old) - 845
- ROP Screening: Baby screened 1025, Total screening - 3263 ; detected- - 187; No. of babies Laser therapy done - 74; No. of laser sittings - 73
- Retina clinic – PRP, Fundus camera with FFA, OCT - 995
- **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.
- LVA service

Specialized services available at:

- Retina Clinic
- Glaucoma clinic
- Cornea clinic
- Pediatric Ophthalmology clinic
- ROP clinic
- Squint clinic
- Neuro-ophthalmology clinic in association with Neuromedicine and Neurosurgery (BIN)
- Oculoplasty clinic
- Eye bank services round the clock (Eye retrieval and corneal transplantation)
- Rare disease opd
- Disability

Facilities available:

- Refraction under autorefractometer
- Cataract surgery – SICS / Phacoemulsification (Rigid / Foldable)
- Other surgeries – Glaucoma, eyelid, Anterior segments, Oculoplastic surgeries, DCR, DCT etc.
- Emergency surgical repairs
- ROP screening and treatment
- Humphrey Visual Field Analyzer – serves both glaucoma clinic and Neuro-ophthalmology clinics.
- Keratoplasty

Maintenance of COVID-19 protocols:

1. U-V light in OT.
 2. Provision of plastic screen in OPD for safety of staff.
 3. Attachment of X-Ray film in slit lamp for maintaining separation between patient & doctor.
 4. Use of face guard in examination of children & non-co-operative patients.
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