



Prof. Dipanwita Ghosh

Assistant Professor & HOD Optometry,SVU

Consultant Senior Optometrist , Vision Therapist ,

Contactologist

EXPERIENCE (10 YEARS OF CLINICAL EXPERIENCE & 7 YEARS OF ACADEMIC EXPERIENCE)

April 2023 – Present

**Assistant Professor and Head of the Department of Optometry
Swami Vivekananda University| Barrackpore**

Attached with Pushpanjali Eye Hospital, Kolkata

2016

Ex-intern at Sankara Nethralaya Eye Hospital

2019

Ex Trainee at LV Prasad Eye Institute Hyderabad

February 2023 – Present

**Guest faculty of Optometry
George College of Management and Science| Kolkata**

July 2021 – August 2022

Assistant Professor of Optometry Chandigarh University | Mohali

- Worked as an Academic coordinator of Optometry department

July 2019 - June 2021

**Assistant Professor of Optometry Vidyasagar College of optometry
and Vision science | Kolkata**

EDUCATION AND TRAINING

2010

SECONDARY

GARIA HARIMATI DEBI UCHHAYA BALIKA VIDYALAYA, Kolkata

2012

HIGHER SECONDARY

BAGHAJATIN BALIKA VIDYALAYA, Kolkata

2017

Bachelor of Optometry

VIDYASAGAR COLLEGE OF OPTOMETRY & VISION SCIENCE,
KOLKATA

- **Ranked in Top (9.36 CGPA)** of University
- **[Gold Medalist]** from Maulana Abul Kalam University of Technology in the academic session 2014-2017

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Address: Garia, Kolkata-
700096

SKILLS

- Evaluations and assessments
- Refraction & eye health check up
- Clinical skill in Refraction, Slit-lamp, Tonometry, Ophthalmoscopy, Lensometry, Keratometry, Biometry, Pachymetry, HVF, OCT, Optical coherence tomography, Ophthalmic photography, specular microscopy, angiography, corneal topography, electrophysiology, Ocular ultrasound, Squint evaluation and Orthoptics, Contact Lens, low vision management.

2019

Master of Optometry

Bharati Vidyapeeth Deemed to be University Medical College SCHOOL OF OPTOMETRY, Pune

- **Gold Medalist** [63% scored] of University
- Dissertation: [Prevalence of binocular vision anomalies on the basket ball players and effect of vision therapy on their performance]

2021 (Enrolled)

Ph.D. | Optometry (Pursuing)

CT University, Ludhiana

LANGUAGES

English: First Language

Hindi:

B2

Bengali:

C2

Upper Intermediate

Proficient

CERTIFICATIONS

- Completed **Certified Course in Community Eye Health** Programme from **LVPEI Hyderabad**.
- Completed Speciality Contact lens **course in GOV ortho-k lenses**(online).
- Completed **ICLEP** contact lens training from **LVPEI Hyderabad**.
- Completed **Neuro Optometry course** by **IOA Academy**.
- Undergoing training in **CVI Paediatric course** from **Narayana Nethralaya**.
- Completed one year Clinical Internship (July 1st 2016 to June 30th, 2017) from **Sankara Nethralaya , Kolkata**.
- Undergone observation in **Susrut Eye Hospital**, Salt Lake.

PROFESSIONAL SOCIETY MEMBERSHIP

- Member of Optometry Council of India (OCI)
- Lifetime member of West Bengal Association for Optometrists

PARTICIPATIONS

- Attended EIVOC (ESO's International Vision Science and Optometry Conference), 14-16 August 2015.
- Attended ACS'15 (Annual Clinical Symposium), Kolkata.
- Poster presentation at ACS'15.
- Attended 6th Annual SNK Optometry Symposium, March 27th, 2016.
- Participated in Diabetic Retinopathy Screening (Allergan) at AIOC, 2016.
- Attended KOC (Kolkata Optometry Conference) 16-17th April, 2016.
- Attended a Symposium on Child Health & Childhood Blindness by Institute of Child Health and Eye care Research Centre on 24th September 2016.
- Attended 7th Annual SNK Optometry Symposium, March 19th, 2017.
- Attended Research Methodology Workshop at Bharati Vidyapeeth

Medical College Pune, 2018.

- Attended and participated for Oral research Paper Presentation in Kolkata Optometry Conference KOC'19.
- Attended Rose K Hands-on workshop by Dr. Paul Rose, 2019.
- Attended Symposium of Community Health Connection on 29th February 2020.
- Attended Kolkata Optometry Conference 2020.
- Presented scientific paper at Kolkata Optometry Conference 2020.
 - Presented scientific paper at Eastern Regional Optometry Conference 2023
 - Presented scientific paper at Kolkata Optometry Conference 2023
 - Presented scientific paper at Global Healthcon 2023.

RESEARCH FIELD

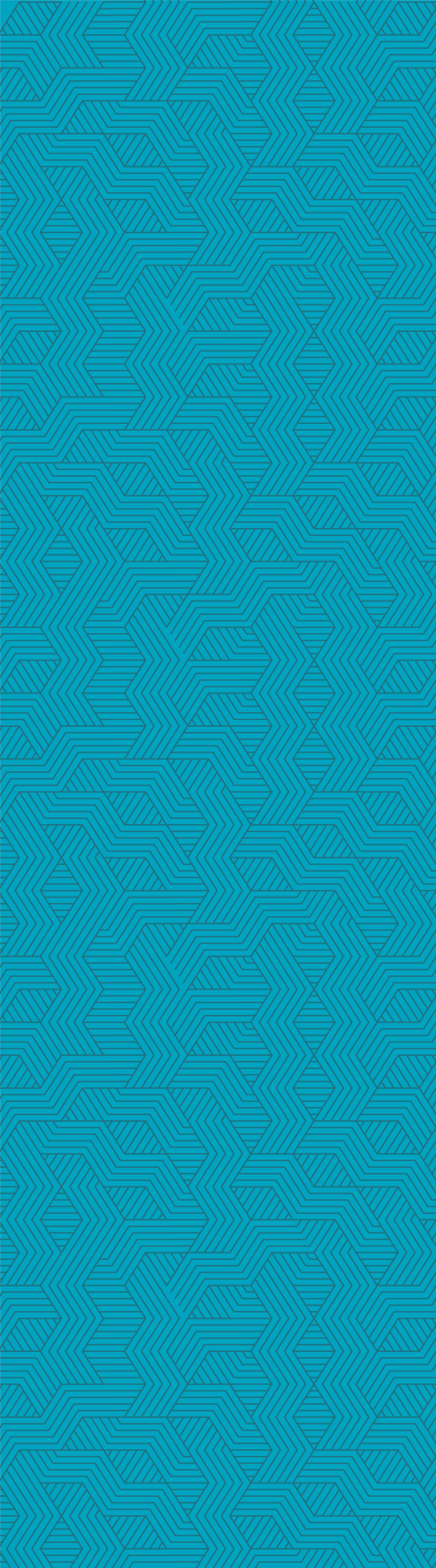
- Public health and community eye care
- Binocular Vision and Orthoptics

PUBLICATIONS

- Research article titled "Dichoptic Vision Therapy in Adults with Anisometropic Amblyopia: A Systematic Review" published in the Malaysian Journal of Medicine and Health Sciences (2023) 19(4):297-306. doi:10.47836/mjmhs19.4.42
- Research article titled "Impact of climate change and related environmental factors on eye health in India- A narrative review" published in Eco. Env. & Cons. 29(2) : 2023; pp (845-850). doi: 10.53550/EEC.2023.v29i02.051
- Research article titled "Does eye exercises along with physical training helps in achieving better sports performance? Effect of vision therapy on basketball players." Int. J. Ophthalmol. Optometry 2024;6(1):14-19. DOI: [10.33545/26648547.2024.v6.i1a.26](https://doi.org/10.33545/26648547.2024.v6.i1a.26)
- Research article titled "Association of congenital ptosis and prematurity of infants with refractive error, strabismus and Amblyopia and their prevalence in pediatric age group. Int. J. Ophthalmol. Optometry 2024;6(1):20-23. DOI: [10.33545/26648547.2024.v6.i1a.27](https://doi.org/10.33545/26648547.2024.v6.i1a.27)
- Research article :Dipanwita Ghosh, Partha Haradhan Chowdhury, Brinda Shah. Correlation between ADHD and Ocular Motor Dysfunction. Int J Appl Res 2024;10(11):236-239. DOI: [10.22271/allresearch.2024.v10.i11d.12165](https://doi.org/10.22271/allresearch.2024.v10.i11d.12165)
- Research article: Dipanwita Ghosh, Partha Haradhan Chowdhury and Brinda Shah. Color vision deficits in ADHD. Int. J. Biol. Sci. 2024;6(2):112-115. DOI: [10.33545/26649926.2024.v6.i2b.242](https://doi.org/10.33545/26649926.2024.v6.i2b.242)
- Research article: Dipanwita Ghosh, Partha Haradhan Chowdhury and Brinda Shah. Analysis of cost-effectiveness of rehabilitation services for achromatopsia and low vision patients. Int. J. Biol. Sci. 2024;6(2):116-119. DOI: [10.33545/26649926.2024.v6.i2b.243](https://doi.org/10.33545/26649926.2024.v6.i2b.243)

Book Chapters:

- Ghosh, D. (2024). Soft contact lens design & fitting. In *Contact lens practice manual: A comprehensive guide to wearing and caring contact lens* (pp. 68–80). Swami Vivekananda University.
- Ghosh, D. (2023). Paediatric eye and binocular vision examination. In *Pearls of clinical optometry* (pp. 64–74). Swami Vivekananda University.
- Ghosh, D. (2023). Enhancing performance through sports vision training. In *Pearls of clinical optometry* (pp. 78–83). Swami Vivekananda University.
- Ghosh, D., Chowdhury, P. H., Shah, B., & Das, A. (2024). Development of keratoconus after collagen cross linking. In *Eye and vision science: Researches and innovations*. AkiNik Publications. <https://doi.org/10.22271/ed.book.2887>
- Ghosh, D., Chowdhury, P. H., & Shah, B. (2024). Effectiveness of syntonics phototherapy in management of amblyopia. In *Eye and vision science: Researches and innovations*. AkiNik Publications.

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- <https://doi.org/10.22271/ed.book.2887>
 - · Ghosh, D., Chowdhury, P. H., & Shah, B. (2024). The new vision in blind with bionic eye. In *Eye and vision science: Researches and innovations*. AkiNik Publications. <https://doi.org/10.22271/ed.book.2887>
 - · Ghosh, D., Chowdhury, P. H., & Shah, B. (2025). Challenges and facilitators of assistive technology adoption among children with low vision. In *Frontiers in allied health research* (pp. 70–77). Chyren Publication. <https://doi.org/10.5281/zenodo.16417508>
 - · Ghosh, D., Chowdhury, P. H., & Shah, B. (2025). Correlation between visual impairment and motor severity in cerebral palsy: An observational study from India. In *Clinical and research insights in allied health sciences* (pp. 69–76). Shubhangam Publication. <https://doi.org/10.5281/zenodo.16441585>
 - · Ghosh, D., Chowdhury, P. H., & Shah, B. (2025). Comparative epidemiology of ocular manifestation in Marfan syndrome: A cross-sectional study from India. In *Innovation in allied health* (p. 103). Authors Click Publishing.
 - · Ghosh, D., Chowdhury, P. H., & Shah, B. (2025). Correlation between timing of intervention and severity of ocular anomalies in Miller syndrome. In *Applied research in clinical allied science* (p. 128). Spark Venue Publishing.
 - · Ghosh, D., Chowdhury, P. H., & Shah, B. (2025). Low vision aids in diabetic retinopathy: Enhancing visual function and quality of life. In *Core principles of integrated multidisciplinary healthcare practice* (pp. 87–97). Helmand Books.
 - · Ghosh, D. (2025). Correlation and prevalence of Aicardi syndrome in India with genetic and environmental factors. In *Research horizons in allied and health sciences: A research paper compiled book* (pp. 111–120). Integrated Publications.
 - · Ghosh, D., Chowdhury, P. H., & Shah, B. (2025). Correlation of Marfan syndrome incidence with genetic predisposition in Indian subpopulations. In *Interdisciplinary approaches in modern healthcare delivery* (pp. 123–132). Bright Sky Publications.
 - · Ghosh, D., Chowdhury, P. H., & Shah, B. (2025). Clinical ophthalmic phenomena in CHARGE syndrome. In *Foundations of health science research: A multidisciplinary academic collection* (pp. 111–120). AkiNik Publications. <https://doi.org/10.22271/ed.book.3413>
 - · Ghosh, D., Chowdhury, P., & Shah, B. (2025). Assessing the effectiveness of assistive technologies for enhancing visual communication in individuals with autism spectrum disorder. In *Innovations in vision research: Bridging science and clinical practice* (pp. 18–25). Swami Vivekananda University.
 - · Ghosh, D., Chowdhury, P., & Shah, B. (2026). Evaluating retinal and choroidal changes in Sturge-Weber syndrome through optical coherence tomography (OCT) imaging: Insights & analysis. In *Emerging trends in optometry on vision science and eye health* (pp. 8–17). Swami Vivekananda University.
 - · Ghosh, D., Chowdhury, P., & Shah, B. (2026). Role of environmental factors in ocular allergy: A cross-sectional study in Eastern India. In *Current development in optometry & vision science* (pp. 9–23). Swami Vivekananda University. <https://doi.org/10.65525/SVUP.9788199956063.2026.1-117>