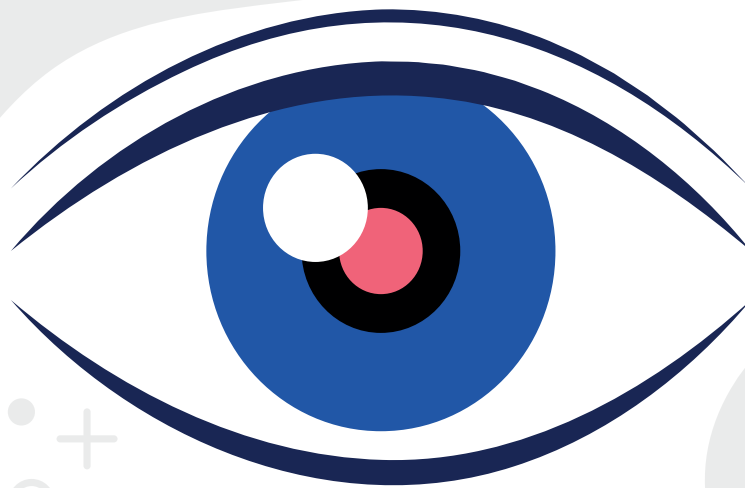




NEWS LETTER

For the month of October and November,
Year 2024



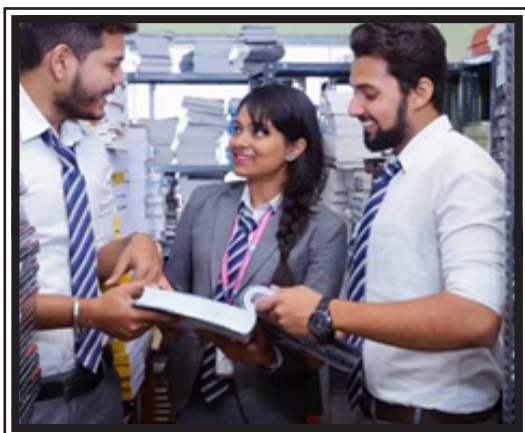
Department of Optometry

SCHOOL OF ALLIED HEALTH SCIENCES
Swami Vivekananda University, Bara Kanthalia,
West Bengal 700121



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**DEPARTMENT OF OPTOMETRY
SCHOOL OF ALLIED HEALTH SCIENCES
SWAMI VIVEKANANDA UNIVERSITY
Bara Kanthalia,
West Bengal 700121**



Optometry, the primary health care profession concerned with eye health consultation, diagnostics, disease management and primary eye disease treatment. B. Optometry is a four years graduation course including one year hospital internship program. During course pursuing students will learn about General & Ocular anatomy, Physiology, Biochemistry, Physical & Visual Optics, Community health, Disease management & Pharmacology, Systemic disease & eye etc with practical industrial exposure to become a successful professional Optometric practitioner. During Course conduction Swami Vivekananda University also prefer to organize so many eye camps so that students will be skilled enough to handle community patients and providing spectacles. Expert guest lectures and seminars are also vital for students that will be helpful to know about recent practice, research & development. For this purpose Swami Vivekananda University organize seminars, webinars and hands on workshop within the campus and also guide students to attend seminars organized by renowned Eye Hospitals. To enhance dispensing skill Optometry department of Swami Vivekananda University also constructed Optical lab and outdoor patient unit so that students, all category stuffs, outside common people can avail free eye treatment and spectacles also in very cheap rate. Our mission & vision to develop standard and well equipped modern laboratories and also develop optometry education platform with full of practical exposure and increase internship options.

Vision of the department

To be known globally as a centre of excellence for optometry and vision science education, innovation, interdisciplinary research, and practice for enhancing eye health.

Mission of the department

1. Establish state of art facilities for world-class optometry education and interdisciplinary research.
2. Collaborate with the health care sector for curriculum design and best practices.
3. Involve students in community health programs to develop lifelong learning and communication skills.

Faculties of Department Optometry



Dr. Dipanwita Ghosh



Dr. Manas Chakraborty



Dr. Prabirendra Nath Sinha



Mr. Arup Saha



Ms. Anusuya Das



Ms. Srimanti Sarkar



Mrs. Rikta Paul

Message From our Head of the Department



Dr. Dipanwita Ghosh
Assistant Professor & Head,
Department of Optometry

Dear Students, Faculty, and Esteemed Colleagues,

It is with great pride that I reflect upon the remarkable progress our Optometry Department has made over the past year. Together, we have achieved significant milestones in both academic and clinical excellence, positioning ourselves as leaders in the field of vision science. Our commitment to delivering high-quality education, fostering a research-driven environment, and providing exceptional patient care continues to drive our success.

Progress and Achievements

Our department has seen a notable increase in the enrollment of students, demonstrating the growing interest in optometry as a career choice. We have expanded our curriculum to include the latest advancements in optometric science, including digital eye care, tele-optometry, and advancements in refractive surgery. Additionally, our students and faculty have actively contributed to groundbreaking research, tackling key issues such as myopia control, ocular disease prevention, and the integration of technology in eye care.

The clinical training facilities have been further enhanced, offering students hands-on experience with cutting-edge diagnostic equipment and treatment techniques. Our partnership with local clinics and hospitals has allowed us to broaden the scope of patient care, ensuring that our students gain practical exposure to a diverse range of cases.

Future Goals

Looking ahead, our focus will be on continued innovation in both education and patient care. We aim to integrate emerging technologies such as artificial intelligence and virtual reality into our teaching and practice, preparing our students to meet the challenges of the future. Additionally, we will work on expanding our research programs, with an emphasis on global eye health and addressing the vision care needs of underserved populations.

We are also committed to strengthening our ties with international institutions to foster exchange programs, collaborative research, and knowledge-sharing opportunities. By doing so, we hope to continue developing leaders in optometry who will shape the future of eye care worldwide.

I would like to express my deepest gratitude to our dedicated faculty, staff, and students for their hard work, passion, and commitment to excellence. The achievements of our department would not be possible without your collective efforts. Together, we will continue to strive towards excellence in education, research, and clinical practice, ensuring that the future of optometry remains bright and full of promise.

Thank you for your continued support and dedication.

Exploring the Heart of Education: Our Board of Studies

Dear Readers,

In this edition, we shine a spotlight on the driving force behind our academic excellence: the Board of Studies. Composed of dedicated educators and experts, the Board plays a pivotal role in shaping the educational landscape of our institution. Here's a glimpse into their structure and function:

1. Who We Are

Members: Our Board of Studies comprises of

- Mrs. Dipanwita Ghosh (HOD)
- Dr. Prabirendra Nath Sinha (Academic coordination)
- Dr. Manas Chakraborty
- Mr. Arup Saha

- Ms. Srimanti Sarkar
- Ms. Sudha Prasad
- Ms. Rikta Paul
- Ms. Anusuya Das
- **Chairperson:** Dr. Somnath Ghosh, leading with vision and expertise, guiding our efforts towards academic innovation and excellence.
- **Academic Expert:** Dr. Somnath Ghosh & others from various fields of expertise, ensuring a comprehensive perspective in curriculum development and educational policy.

2. Collaborative Approach

- **Meetings and Decision-Making:** Regular meetings facilitate constructive dialogue and informed decision-making, ensuring alignment with our institution's mission and values.

3. Achievements and Future Directions

- **Recent Initiatives:** Highlighting successful curriculum updates, innovative teaching methods, and student-centered initiatives.
- **Future Goals:** Anticipating new challenges and opportunities in education, from technology integration to global learning initiatives.

Indian Vision Institute and Vidyasagar college of optometry and vision science organized studometry - '24' a initiative of Indian vision institute on 13th November 2024

On 13th November 2024, India Vision Institute (IVI), in collaboration with Vidyasagar College of Optometry and Vision Science (VCOVS), successfully organized Studometry'24, an exciting initiative designed to inspire and empower the next generation of optometry professionals. The event, held at VCOVS, brought together students, faculty, and industry experts to celebrate learning, innovation, and the future of optometry.

A key highlight of Studometry'24 was the active participation of students from Swami Vivekananda University, and other institutions, in this enriching academic experience. The event served as a platform to showcase the skills, creativity, and vision of students in the field of optometry.

Key Highlights of Studometry'24:

Collaborative Learning and Networking: Students from Swami Vivekananda University and many other institutions had the opportunity to engage in a range of collaborative learning experiences. Through workshops, presentations, and discussions, participants shared knowledge, exchanged ideas, and built networks with peers and professionals from the optometry community.

Engaging Workshops and Seminars: The event featured several expert-led workshops and seminars that provided valuable insights into the latest developments in optometry. Topics such as advances in refractive error correction, optometric technologies, contact lenses, and clinical best practices were covered in depth, offering students the opportunity to enhance their technical and practical knowledge.

Student Presentations and Competitions: One of the core elements of Studometry'24 was the student-led presentations and competitions. Students from Swami Vivekananda University had the chance to present their research projects, clinical case studies, and innovations in vision science. The competition encouraged participants to demonstrate their problem-solving skills, creativity, and understanding of core optometric principles.

Hands-On Demonstrations: Practical sessions were a key part of the event, offering students from both institutions a chance to work with cutting-edge optometric tools and equipment. These hands-on activities allowed students to practice various diagnostic and treatment techniques under the guidance of experts, helping them bridge the gap between theory and practice.

Panel Discussions and Career Guidance: A panel discussion, featuring industry leaders and experienced optometrists, explored the evolving landscape of optometry. Students were able to engage with these professionals and gain insights into the various career paths available within the field. Additionally, career development sessions provided guidance on further education and opportunities for growth in optometry.

Student Interaction and Networking: The event was also an excellent opportunity for students from Swami Vivekananda University and other institutions to network with each other and with established professionals in the field. Informal interactions encouraged peer learning and fostered a sense of community among future optometrists.

IVI's Vision for Optometry Education

Studometry'24 was an initiative that aligned with India Vision Institute's (IVI) broader goal of improving optometry education and empowering the next generation of optometrists. IVI's collaboration with VCOVS underscores its commitment to strengthening academic partnerships and ensuring that optometry students are well-prepared for the challenges and opportunities in the field of vision science.

By offering practical exposure and facilitating meaningful exchanges between students, professionals, and faculty, IVI is playing a crucial role in shaping the future of optometry in India and beyond.



Academic administrative infrastructure

Development of clinical labs

Dispensing lab:

This lab contains ophthalmic frames and lenses of different types, lens fitting and measurement instruments.



Key features are Advanced prescription analysis, Figuring intermediate power, Figuring near power, Determining whether slab-off is needed, Addressing spectacle problems, Addressing major reference point placement, Addressing seg height placement, Addressing frame alignment, Addressing vertex distance, Addressing face form, Addressing visual acuity problems, Advanced spectacle fitting, Adjusting multifocal eyewear, Adjusting spectacles with occupational lenses, Intra pupillary distance measurement.

Binocular vision and vision therapy lab:

This lab consists of instruments to diagnose strabismic and non-strabismic binocular vision disorders. Also contains instruments for vision therapy.



Clinical refraction lab: Clinical refraction lab consists of all the instruments necessary for refraction and eye health examination. We have developed this clinical lab that includes advanced A scan ultrasonography of eye also along with other investigative instruments.

