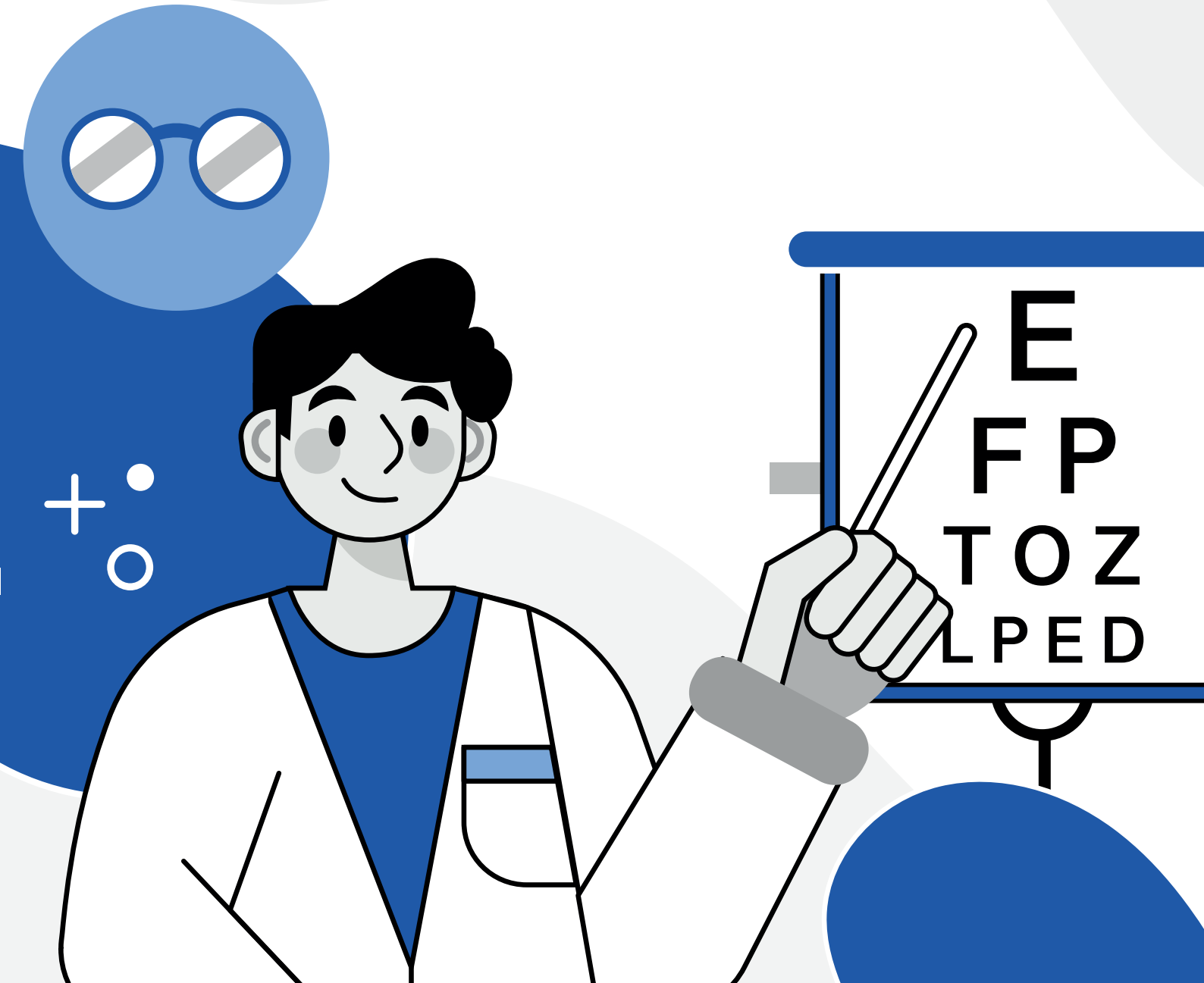


NEWS LETTER

For the month of January, Year 2025



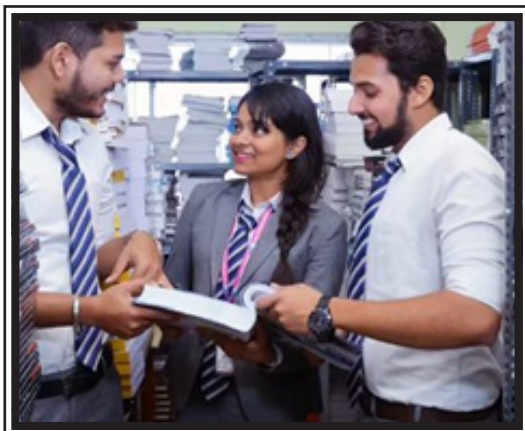
Department of Optometry

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



SWAMI VIVEKANANDA UNIVERSITY
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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.

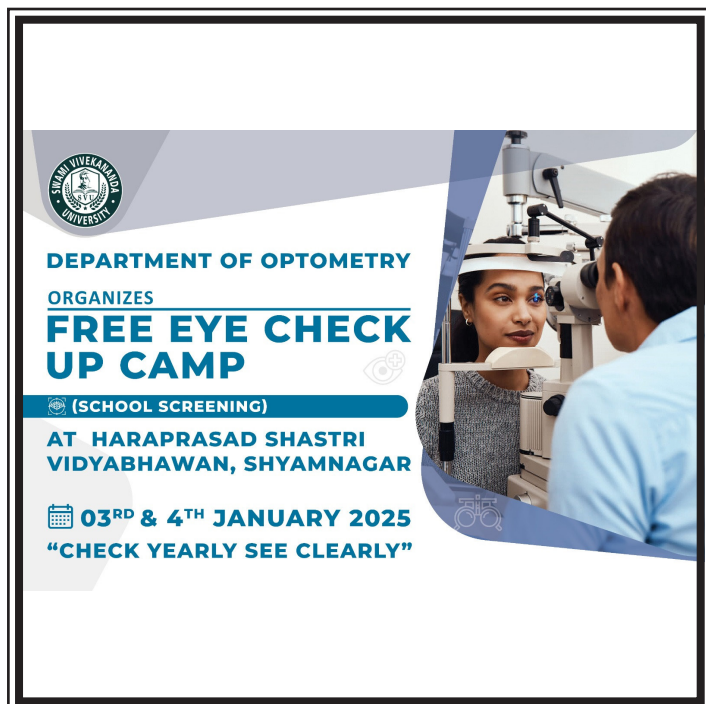
3. Achievements and Future Directions

- **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.

Students of Swami Vivekananda University, Barrackpore arranged Community Eye Camp at Haraprasad Shastri Vidyabhawan, Shyamnagar by Department of Optometry.

Date: 03.01.2025 & 04.01.2025

Location: Haraprasad Shastri Vidyabhawan, Shyamnagar



Introduction:

Swami Vivekananda University successfully organized a two-day eye screening camp on, Haraprasad Shastri Vidyabhawan, Shyamnagar. The event was part of our ongoing commitment to social responsibility and health awareness.

Event Overview:

The Eye Camp, held at Haraprasad Shastri Vidyabhawan, Shyamnagar, was designed to offer eye check-ups, vision screenings, and consultations to individuals from the surrounding community. Our dedicated team of ophthalmologists, optometrists, and volunteers worked tirelessly to ensure the success of the event.

The Department of Optometry at Swami Vivekananda University, Kolkata, successfully organized a two-day eye screening camp at Haraprasad Shastri Vidyabhawan, Shyamnagar, on January 3rd and 4th, 2025. This initiative was part of the University's ongoing efforts to contribute to community health and promote eye care awareness. The camp aimed to screen and assess the eye health of over 350 students, parents and teachers from the school, ensuring that any potential vision problems were detected early and necessary interventions were provided.

The primary goal of the eye screening camp was to detect common vision problems such as refractive errors (nearsightedness,

farsightedness, and astigmatism), amblyopia as well as any underlying ocular health issues among the students. Additionally, the camp sought to educate both students and staff about the importance of regular eye check-ups, proper eye hygiene, and preventative measures to protect eye health. The event also served as a platform to provide corrective eyewear and refer students to specialists for further treatment, if necessary.

The eye screening was carried out by the expert team of optometrists from Swami Vivekananda University, led by Dr. Dipanwita Ghosh, an esteemed optometrist with years of clinical expertise and Dr. Prabirendranath Sinha a seasoned optometrist with years of expertise in diagnosis of diseases. He was joined by Ms. Anusuya Das, a having expertise in pediatric optometry, Ms. Srimanti Sarkar an expert in refractive error management and ocular health, Mr. Arup Saha, a highly skilled optometrist with a special focus on refraction testing and visual acuity, and Ms. Rikta Paul, an expert in ocular health and patient counseling. Together, they worked meticulously to ensure each student's eye health was thoroughly assessed.

The screening process involved several steps:

Visual Acuity Testing: Each student underwent a standard visual acuity test to measure the sharpness of their vision. This is one of the most basic and essential tests to determine if a student has any difficulties seeing clearly at various distances.

Refractive Error Assessment: The team conducted tests for refractive errors like myopia, hyperopia, astigmatism and amblyopia. These conditions are common among school-aged children and can significantly affect their academic performance if not addressed.

Ocular Health Check: In addition to vision testing, the students were also screened for signs of common eye diseases such as conjunctivitis, cataracts, and early indications of retinal issues. These conditions can go unnoticed in young children, which is why early detection is crucial.

Eye Coordination and Focus: The optometrists also assessed how well the students' eyes worked together and whether there were any issues related to focusing, eye strain, or binocular vision problems that could interfere with

reading or other academic tasks.

Follow-Up and Referrals

After the eye exams, students who were found to have refractive errors or other vision problems were provided with appropriate recommendations. For students requiring corrective glasses, the optometrists helped explain the importance of wearing them regularly and maintaining proper eye health habits. For those who exhibited symptoms of more serious eye conditions, referrals were made to our departmental OPD for further assessment and treatment. The camp ensured that each child's vision was prioritised, offering them access to necessary treatments and corrective solutions to improve their quality of life.

Community Impact and Feedback

The camp had a remarkable impact on the students of Haraprasad Shastri Vidyabhawan. Many students were unaware of their vision problems, and the screening helped identify a number of undiagnosed issues. Some students who had been struggling with unclear vision were now able to address these problems, thanks to the comprehensive evaluation provided by the team.

Teachers and school staff also appreciated the initiative, acknowledging the significant role it played in improving the students' overall well-being. Many students expressed their gratitude for receiving free eye checks and personalized counseling regarding their eye health. The event not only served as a practical eye care service but also as a learning opportunity for the entire school community, emphasizing the importance of regular eye examinations and proper eye care routines.

Swami Vivekananda University, through this initiative, reinforced its commitment to community service and public health. The University's Department of Optometry continues to work towards bridging the gap in healthcare accessibility, especially in rural and semi-urban areas. The leadership of our esteemed faculties and along with our Optometry students was instrumental in ensuring the smooth and efficient operation of the camp. Their dedication to eye care and community service was highly appreciated by both students and faculty members. We are thankful to Dr. Nandan Gupta sir, Chancellor, Swami Vivekananda University for his immense support; Prof. (Dr.) Subrata Kumar Dey sir, Vice Chancellor, Swami Vivekananda University for making us reach new heights; Prof. (Dr.) Pinak Pani Nath Sir, Registrar, Swami Vivekananda University for guiding us and Mr. Saurabh Adhikari sir, Chief Operating Officer, Swami Vivekananda University being with us since the beginning.



Students of Swami Vivekananda University, Barrackpore arranged Community Eye Camp at Naihati Narendra Vidyaniketan by Department of Optometry.

Date: 08.01.2025

Location: Naihati Narendra Vidyaniketan



Introduction:

Swami Vivekananda University successfully organized a two-day eye screening camp on, Naihati Narendra Vidyaniketan. The event was part of our ongoing commitment to social responsibility and health awareness.

Event Overview:

The Eye Camp, held at Naihati Narendra Vidyaniketan, was designed to offer eye check-ups, vision screenings, and consultations to individuals from the surrounding community. Our dedicated team of ophthalmologists, optometrists, and volunteers worked tirelessly to ensure the success of the event.

On January 8th, 2025, a significant eye screening camp was organized by the Department of Optometry at Swami Vivekananda University, aimed at providing essential eye care services to school children in the local community. The event, spearheaded by two prominent faculties, Dr. Dipanwita Ghosh and Dr. Prabirendranath Sinha, took place at Naihati Narendra Vidyaniketan. The primary goal of the camp was to identify any potential vision problems among the students at an early stage, ensuring they receive the necessary interventions to maintain their eye health and academic performance. The camp was a collaborative effort between the university's optometry department and the school, reflecting a shared commitment to promoting health and well-being in the community. A total of 205 students from Naihati Narendra Vidyaniketan actively participated in the screening, where they underwent comprehensive eye examinations. The procedures included tests for visual acuity, refractive errors, and assessments of general eye health. Using advanced diagnostic equipment, Dr. Ghosh and Dr. Sinha meticulously examined each child's vision, detecting issues such as nearsightedness (myopia), farsightedness (hyperopia), astigmatism, and other possible eye conditions. The screenings were carried out with great attention to detail, ensuring that every child's vision was thoroughly checked. Students who were found to have visual impairments were given recommendations

for corrective measures, including prescription glasses or referrals for further medical attention if necessary.

In addition to the eye examinations, the camp also included an important awareness program. Dr. Ghosh and Dr. Sinha took the time to educate both the students and teachers about the importance of regular eye checks and proper eye care. They emphasized how untreated vision problems can negatively impact a child's learning abilities, emotional well-being, and overall quality of life. The educational session aimed to raise awareness about the significance of eye health, especially in the formative years, and encouraged proactive measures to prevent long-term complications.

The eye screening camp was not just about providing immediate care, but also about empowering the community with knowledge. It also served as an opportunity for the university's Department of Optometry to engage with the wider community and demonstrate the crucial role of educational institutions in public health initiatives. The event was a resounding success, and the enthusiasm of both the students and the school staff reflected the positive impact such initiatives have in addressing local health concerns. With 205 students diagnosed and many receiving the necessary interventions, the camp highlighted the importance of early detection and intervention in maintaining good eye health. Moving forward, Dr. Ghosh, Dr. Sinha, and the entire Department of Optometry are committed to organizing more such camps to further contribute to the well-being of children in the region, ensuring that access to quality eye care is available to all.

We are thankful to Dr. Nandan Gupta sir, Chancellor, Swami Vivekananda University for his immense support; Prof. (Dr.) Subrata Kumar Dey sir, Vice Chancellor, Swami Vivekananda University for making us reach new heights; Prof. (Dr.) Pinak Pani Nath Sir, Registrar, Swami Vivekananda University for guiding us and Mr. Saurabh Adhikari sir, Chief Operating Officer, Swami Vivekananda University being with us since the beginning.



Students of Swami Vivekananda University, Barrackpore arranged Community Eye Camp at Naihati Narendra Vidyaniketan by Department of Optometry.

Date: 14.01.2025

Location: Ichapur Academy, Majherpara



Introduction:

Swami Vivekananda University successfully organized a two-day eye screening camp on, Ichapur Academy, Majherpara. The event was part of our ongoing commitment to social responsibility and health awareness.

Event Overview:

The Eye Camp, held at Ichapur Academy, Majherpara, was designed to offer eye check-ups, vision screenings, and consultations to individuals from the surrounding community. Our dedicated team of ophthalmologists, optometrists, and volunteers worked tirelessly to ensure the success of the event.

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Academic Administrative Infrastructure

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.

