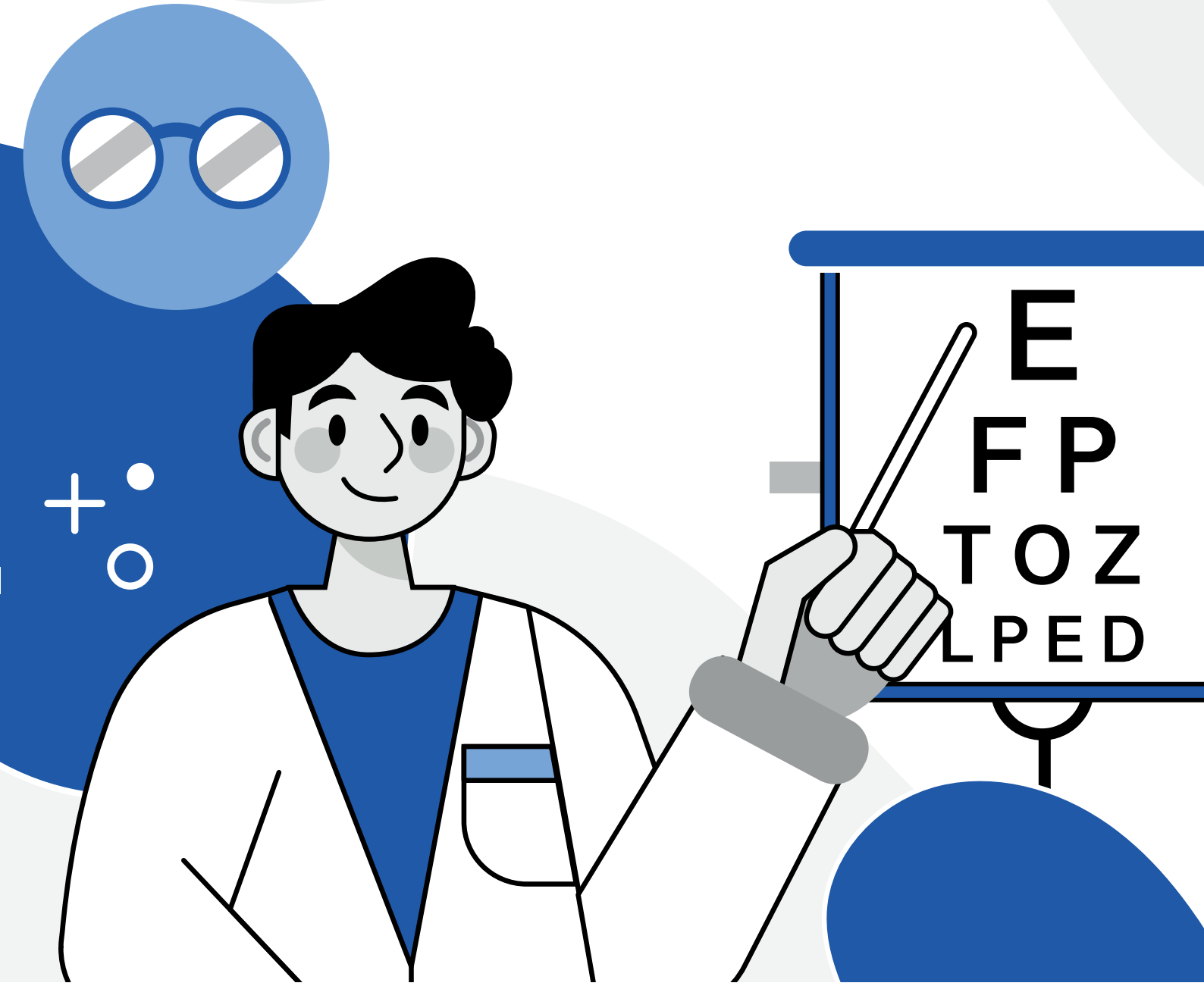
NEWS LETTER

For the month of February, 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
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Bara Kanthalia,
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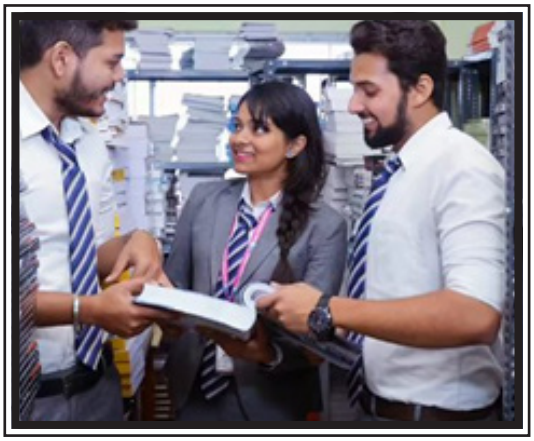

Optometry, the primary health care profession concerned with eye health consultation, diagnostics, disease management and primary eye disease treatment. B. Optometry is a four years graduation course including one year hospital internship program. During course pursuing students will learn about General & 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 inno vation and excellence.

- **Acedemic 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.

Swami Vivekananda University – Department of Optometry's Participation in Nirman Mela Start-up Fair

Date: 13.02.2025 to 15.02.2025
Location: Swami Vivekananda University

Swami Vivekananda University – Department of Optometry's Participation in Nirman Mela Start-up Fair

The Department of Optometry at Swami Vivekananda University proudly participated in the Nirman Mela Start-up Fair, held from 13th to 15th February 2025, a high-profile event that brought together innovators, entrepreneurs, and thought leaders from various sectors. The event provided an excellent platform for our students to showcase their creativity, knowledge, and entrepreneurial potential, particularly in the field of optometry and eye care solutions.

Throughout the fair, our students presented a variety of model presentations that highlighted their innovative ideas and prototypes aimed at improving eye health care. The projects focused on incorporating modern technologies, sustainable practices, and patient-centered solutions, all with the goal of advancing optometry practices. These models were not only creative but also demonstrated the potential to make a real difference in the healthcare sector, especially in terms of accessibility and treatment efficiency.

The students' outstanding presentations were made possible under the guidance of our esteemed faculty, who provided unwavering support and expertise. The team of mentors included:

Ms. Dipanwita Ghosh, Head of the Department of Optometry, whose leadership played a pivotal role in guiding the students towards excellence.
Dr. Prabirendranath Sinha, whose deep expertise ensured that the scientific aspects of the projects were well-founded and clinically relevant.
Dr. Manas Chakraborty, who helped the students refine their concepts, ensuring they were both scientifically sound and practically applicable.
Mr. Arup Saha, whose focus on sustainability ensured the students' solutions were environmentally conscious and forward-thinking.
Ms. Anusuya Das, who contributed invaluable insights on patient care, ensuring the models addressed real-world challenges.
Ms. Rikta Paul, whose technological expertise enabled the integration of cutting-edge tools and techniques in the student presentations.
Mr. Sourav Karmakar, whose guidance in problem-solving and attention to detail ensured the presentations were polished and professional.
Ms. Srimanti Sarkar, whose mentoring helped the students craft models that were not only creative but also aligned with the ethical standards of the optometry field.
The Nirman Mela Start-up Fair was distinguished by its panel of judges from the Centre for Innovation, Government of India, adding a level of credibility and importance to the event. These esteemed judges, who are prominent figures in the innovation and start-up ecosystem, provided valuable feedback on the models presented by the students. Their recognition and guidance were instrumental in furthering the students' understanding of how their innovations could be developed into tangible solutions for the market.

This event was not just an exhibition of talent but also an opportunity for our students to engage with industry leaders, potential investors, and professionals from various fields. The fair provided a rich networking environment, which will undoubtedly open doors for future collaborations and business ventures.

The Department of Optometry's participation in the Nirman Mela Start-up Fair is a testament to our commitment to fostering innovation and entrepreneurship among our students. We are incredibly proud of their achievements and the recognition they received. The support from our dedicated faculty members was integral to the success of this initiative, and we are excited to see how these students continue to grow and contribute to the ever-evolving field of optometry.

We look forward to more opportunities for our students to showcase their creativity and talents in future events, confident that their contributions will make a significant impact on the healthcare sector, particularly in eye care and optometry.

Students of Swami Vivekananda University, Barrackpore arranged Community Eye Camp at Kaugachiya, Shyamnagar.

Date: 23.02.2025
Location: Kaugachiya, Shyamnagar

On the 23rd of February 2025, the Department of Optometry at Swami Vivekananda University organized a community eye care camp in Kaugachiya, Shyamnagar, aimed at providing free eye check-ups to the local population. The focus of the camp was on refractive error correction and early diagnosis of various eye diseases. The event was graced by the participation of esteemed faculty members, including Dr. Prabirendranath Sinha, the Academic Coordinator, along with Arup Saha, Anusuya Das, and Srimanti Sarkar. The team of professionals played a crucial role in offering thorough eye care services, including refractive error testing and screening for common eye conditions. The camp provided essential services, such as refraction tests to detect nearsightedness, farsightedness, and astigmatism, along with visual acuity assessments. Participants were also screened for potential eye diseases like cataracts, glaucoma, and diabetic retinopathy. The camp saw a total of 146 patients being screened, with each individual receiving comprehensive eye exams. The process was well-organized, with patients being registered upon arrival, and the faculty members worked diligently to ensure everyone received the attention they required. Dr. Prabirendranath Sinha, as the Academic Coordinator, supervised the entire event, ensuring smooth operations. Arup Saha assisted with refractive error testing, while Anusuya Das was responsible for conducting visual acuity assessments and providing patient counseling. Srimanti Sarkar focused on the early detection of eye diseases and ensured that patients needing further treatment or diagnostic tests were referred to specialists.

During the camp, many patients were found to have refractive errors and were advised to use corrective lenses. Additionally, a few individuals were diagnosed with early-stage cataracts, glaucoma, and signs of diabetic retinopathy, which led to referrals for further evaluation and treatment. The faculty's thorough and professional approach made the camp highly effective in identifying and addressing various eye health concerns. Participants expressed their gratitude for the services provided, many noting that they were previously unaware of their eye conditions. The event not only addressed refractive errors but also contributed to the early detection of more serious eye conditions, promoting timely medical intervention.

Overall, the community camp in Kaugachiya, Shyamnagar, was a resounding success, and it highlighted the dedication of Swami Vivekananda University's Department of Optometry to promoting eye health within the local community. The event demonstrated the university's commitment to providing accessible and high-quality eye care services to those in need. The department plans to continue organizing such camps in the future, further strengthening its relationship with the community and contributing to public health. Dr. Prabirendranath Sinha, Arup Saha, Anusuya Das, and Srimanti Sarkar's contributions were invaluable, and the department extends its sincere thanks to the local community for their active participation and trust in the services offered.

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.

Department of Optometry, School of Allied Health Science, Swami Vivekananda University, Barrackpore Campus

Swami Vivekananda University Department of Optometry Clinches First Place at Bengal Optometry Conference

Date: 23.01.2025
Location: Rabindra Tirtha in Rajarhat-New Town

Swami Vivekananda University Department of Optometry Clinches First Place at Bengal Optometry Conference

On 23rd February 2025, students from the Department of Optometry at Swami Vivekananda University showcased their exceptional talent and dedication at the prestigious Bengal Optometry Conference, held at the Rabindra Tirtha in Rajarhat-New Town. Under the able guidance of our esteemed faculty member, Ms. Rikta Paul, the students presented a comprehensive and innovative model on optical and non-optical low vision aids.

The model presentation, which was a product of extensive research and creativity, highlighted various solutions designed to aid individuals with visual impairments. The students explored both optical aids, such as magnifiers and telescopic lenses, and non-optical aids, including innovative techniques to enhance daily living for those with low vision. The project not only emphasized practical applications but also demonstrated a thorough understanding of the technological and therapeutic advancements in low vision care.

The hard work and dedication of our students were evident as they meticulously demonstrated their models and explained their functionalities to a discerning panel of judges. Their efforts were well-rewarded, as they secured First Place in the model presentation category, a prestigious achievement that reflects the high level of education, research, and mentorship at Swami Vivekananda University.

This victory is a testament to the expertise and guidance provided by Ms. Rikta Paul, whose mentorship played a crucial role in shaping the students' understanding and approach toward the presentation. Her support and encouragement empowered the students to push the boundaries of creativity and innovation in the field of optometry.

The Bengal Optometry Conference provided an excellent platform for students from various institutions to showcase their knowledge and skills, and our students' success stands as a proud moment for our department and the university as a whole. Their achievement has not only enhanced the reputation of the Department of Optometry at Swami Vivekananda University but also highlighted the institution's commitment to excellence in optometric education.

We extend our heartfelt congratulations to the students for their outstanding performance and to Ms. Rikta Paul for her continuous mentorship and guidance. This accomplishment is just one of many milestones that demonstrate the caliber of talent within our department. We look forward to more such accomplishments in the future as our students continue to make strides in the field of optometry.

Let’s continue to shine and inspire others with our dedication to knowledge, innovation, and service to the community!

Academic Administrative Infrastucture

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.