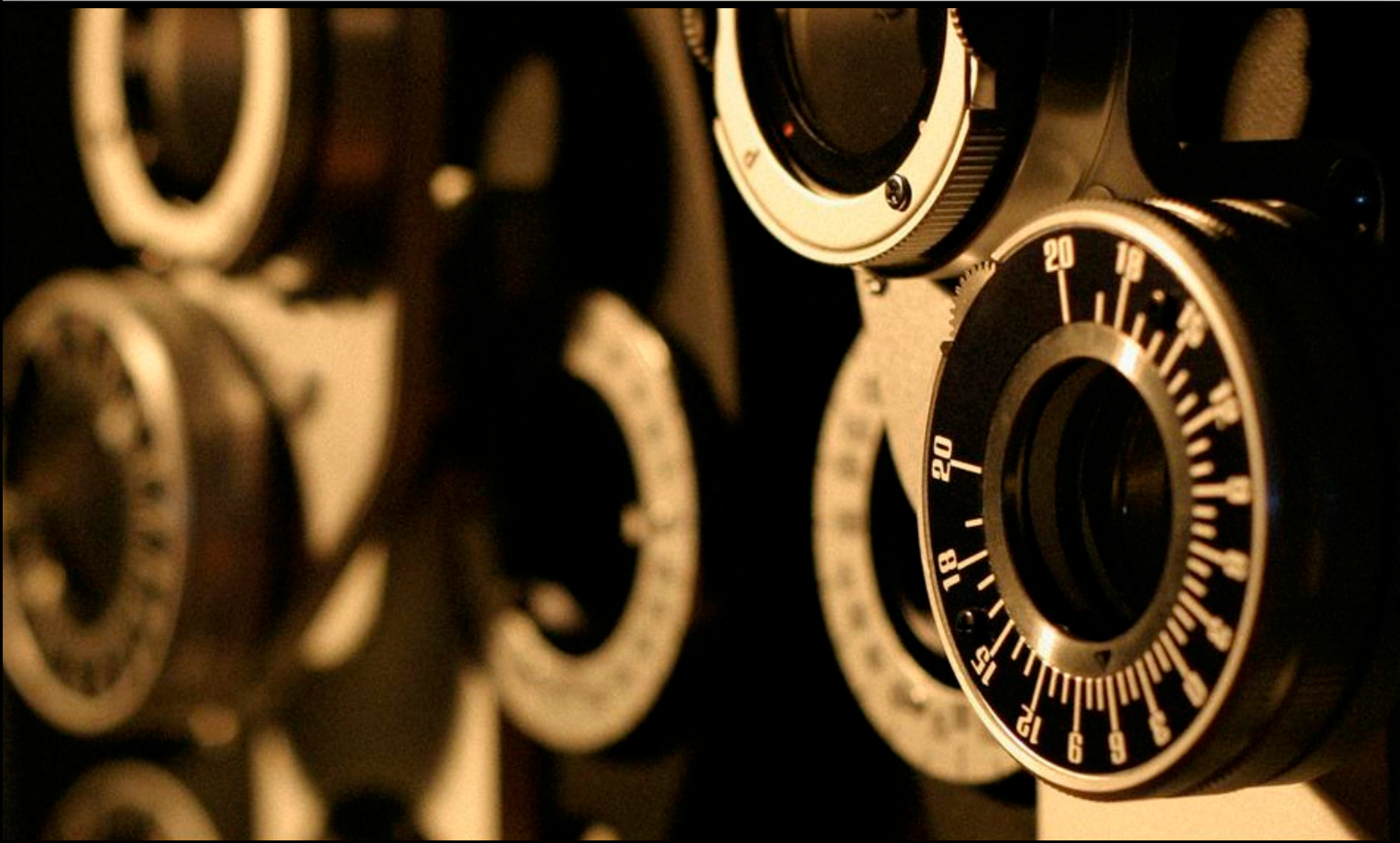


Vidyasagar College of Optometry

and Vision Science

VCOVS



About Optometry

Optometry is a healthcare profession concerned with the health of the eyes and related structures, as well as vision, visual systems, and vision information processing in humans.

The *World Council of Optometry* defines Optometry as a *healthcare profession that is autonomous, educated, and regulated (licensed or*

registered), and optometrists are the primary healthcare practitioners of the eye and visual system who provide comprehensive eye and vision care, which includes refraction and dispensing, detection/diagnosis and management of disease in the eye, and the rehabilitation of conditions of the visual system.



285 million people in the world are blind or visually impaired

4/5 of these cases are treatable or avoidable

42% of the visually impaired are due to **UNCORRECTED REFRACTIVE ERRORS**

90% of world's visually impaired live in **DEVELOPING COUNTRIES (LIKE INDIA)**

OPTOMETRISTS have a tremendous role in this scenario in prevention and treatment of visual impairment and prevention of avoidable blindness.

Optometrists

An optometrist is an independent primary health care provider who examines, diagnoses, treats and manages diseases and disorders of the visual system, the eye and associated structures.

Among the services optometrists render are: prescribing glasses and contact lenses, rehabilitation of the visually impaired, and the diagnosis and treatment of ocular diseases.

WHAT OPTOMETRISTS DO

Optometrists perform comprehensive examinations of both the internal and external structures of the eye, subjective and objective tests to evaluate patients' vision, analyse the test findings, diagnose and determine the appropriate treatment. As health care professionals, optometrists regularly diagnose signs of disease, both of the eye and of the body, and often work with other health professionals in co-managing the care of patients.

CAREER AND SCOPE

All optometrists provide general eye and vision care. Some optometrists work in a general practice, and other optometrists work in a more *specialized practice* such as:

- Contact lenses
- Geriatrics
- Low vision services (*for visually impaired patients*)
- Occupational vision (*to protect and preserve workers' vision and minimize eye strain*)
- Paediatrics
- Sports vision
- Vision therapy

Others may choose to enter optometric education and/or perform scientific research.





About: Vidyasagar College of Optometry & Vision Science

WWW.VCOVS.ORG

From the vision and venture of some dynamic and optimistic visionaries and enthusiasts, since 1998, Vidyasagar College of Optometry & Vision Science has developed itself into a confident optometry institution - making it one of the torch bearers of optometry of its kind in India, dedicated to promoting the science of optometry.

The college is a forum of educationists, scientists, professionals and benefactors, in Eastern India, working for the development of optometric education and research for the advancement of professional practice in vision care. VCOVS was founded in the year 1998 with the aim of providing higher education in optometry, the first of its kind in Eastern India.



1820 - 1891

NOMENCLATURE OF COLLEGE

'Vidyasagar' (in sanskrit, *vidya* means knowledge and *sagar* means ocean, i.e., Ocean of knowledge)

Ishwar Chandra Vidyasagar CIE was an Indian Bengali polymath; a philosopher, academic, educator, writer, translator, printer, publisher, entrepreneur, reformer, and philanthropist.

From the Director

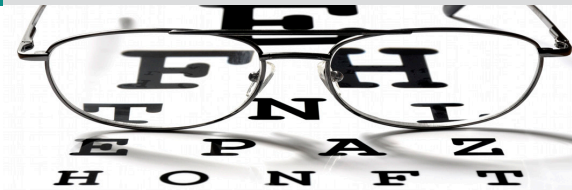


Since its inception in 1998, VCOVS was started as a dream project, when a group of like minded eye care professionals decided to create an institution to ensure a deep and lasting impact on the ongoing war against blindness in India. The role of optometrists is profound in a world where a simple eye examination and the need for a pair of spectacles can change a person's life, and vision-threatening conditions like diabetic retinopathy and glaucoma go undiagnosed; there is a desperate need for a proper comprehensive eye care examination and VCOVS has been dedicated to creating well trained and highly competent optometrists in the country to accomplish eradicating avoidable blindness. With dedicated professionals, academicians and researchers by our side, we have really made a

difference to our efforts by uplifting the standard of optometry nationwide through education and research. We have successfully established a reputation for being in the forefront of optometry education in Eastern India and it has created an avenue for potential students willing to study optometry.

Our four-year Bachelor in Optometry (B.Optom) degree is a competitive and intensive full-time programme, approved by UGC which has been designed to give students the academic and clinical knowledge with the latest infrastructure and best faculties available and they are rigorously trained to maintain the standard and high demands for the society. And our efforts are reflected in the large percentage of students who are pursuing higher education in universities in India and abroad. We are different from other institutes because we are purely a devoted optometry institute and are led by a team of experienced optometrists and vision scientists. I would sincerely like to thank our well-wishers who have supported us creating an institute where motivated students and dedicated faculties create a wonderful optometric atmosphere.

Debasish Kar, B.OPTOM, M.OPTOM
Director, VCOVS



VIDYASAGAR COLLEGE OF OPTOMETRY & VISION SCIENCE IS A UNIQUE AND DEDICATED INSTITUTION FOR LEARNING AND MAKING OPTOMETRY A CAREER FOR FUTURE. IT IS PROUDLY THE FIRST & THE MOST TRUSTED OPTOMETRY INSTITUTE IN EASTERN INDIA.

India needs approximately 115,000 optometrists to meet the demand of institutionally qualified & clinically trained eye care professionals to reach the goal of eradicating preventable blindness by the year 2020. Besides the advent of new technology in eye care, growth of super speciality hospitals and optical industry, which leads us to the facts that the demand and opportunities for optometrists is huge.





Affiliations

- **Affiliated to the:**
West Bengal University of Technology (WBUT)
- **Approved by the:**
Government of West Bengal, India
- **Registered College of Optometry with:**
Association of Schools and Colleges of Optometry (ASCO)
- **Registered Resource & Examination Centre:**
International Association for Contact Lens Educators (IACLE), Australia
- **Accredited Continuing Education Provider:**
Optometry Council of India (OCI)

The Bachelor of Optometry Programme is:

- Full-Time 4 Year Undergraduate Degree of Optometry
- University Grants Commission, New Delhi (UGC) Approved Course
- Course affiliated to the West Bengal University of Technology (WBUT)
- 3 Year of College Education + 1 Year of Hospital Internship and Training



Laboratories

We are proud to have laboratories equipped with the latest instruments for providing excellent practical training to students.

Optics Labs, Biomedical labs (general anatomy & physiology, microbiology & pathology)
Optometry labs (instrumentation lab, clinical refraction, dispensing lab, orthoptics centre),
Computer lab



Library Services

Well stocked library for the students & faculty, which includes an extensive collection of national and international books and journals that caters to the intellectual curiosity of the students & suffice their academic needs.

Our vast collection includes national and international titles in the form of text books, reference books, subscriptions and journals, quarterly newsletters, self-published publications, CD/DVD and e-learning resources.



e-Learning Centre

IACLE Contact Lens Resource consisting of presentation modules, case reports, image library etc. RGPLI Resource consisting of DVDs related to RGP contact lens materials, fitting, assessments, DVDs on orthokeratology, ICEE resource including 9 modules related to basic anatomy physiology, refractive errors, accommodation, presbyopia, subjective refraction, binocular vision, PAL fitting techniques, troubleshooting, PAL case studies, Virtual Refractor CD, Models of eye, Spectacles plano & PALs interactive models.

Vidyasagar Eye Care Centre



VECC or *Vidyasagar Eye Care Centre* is a Non-Profit, hospital for speciality vision care. Situated in 220, Hossenpur Road, Kolkata, it is one of the prominent centres for quality eye care.

The hospital is a non-profit body and we have a team of dedicated eye care professionals that consists of qualified optometrists, practising ophthalmologists, researchers, speciality service professionals.



For appointments, call us
033 2443 2542

220 Hossenpur Road Kolkata 700 107 WB
Timings: 9AM to 5:30PM (Except Sunday)

Our Aim

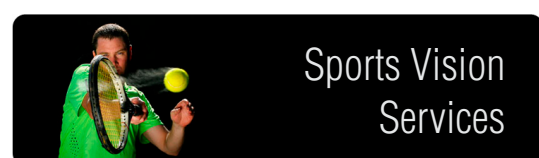
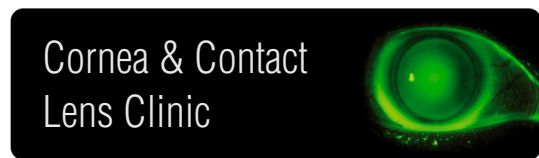
Our aim is to provide quality eye care services at a low cost with a broader aim of eradicating preventable blindness in accordance with international standards and organisations. The centre offers both out-patient services. Camps, vision screening initiatives in schools and financially deprived societies are regularly and actively hosted by the centre.

Students and VECC

The centre functions closely with the college for academic training and observership programmes. Our students benefit from the centre for their training purposes which is a part of the curriculum. This facilitates grooming of our graduating students to their best.

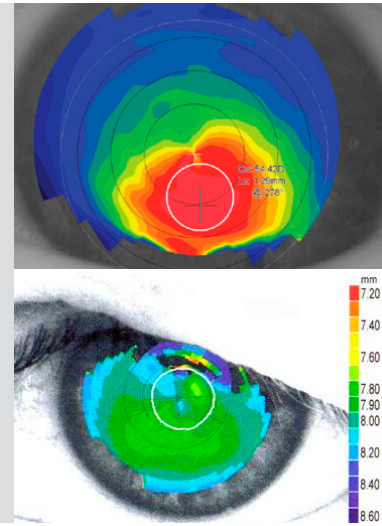


Specialized Services



VIDYASAGAR COLLEGE OF OPTOMETRY AND VISION SCIENCE

offer students outstanding optometric education and clinical experience in one of the most vibrant cities in the country. Founded in 1998, the College houses the Vidyasagar Eye Care Center, one of the first optometry run clinical center for excellence. We are committed to providing academic excellence, improving patients' lives, enhancing public health through education, improving optometric education and advancing the field of vision science.



Course Structure

The Bachelor in Optometry programme is a full-time professionally accredited programme affiliated to the West Bengal University of Technology. Its program is approved by the Government of West Bengal. The college is a registered body under the Association of Schools and Colleges of Optometry (ASCO) and the course structure is standardised as per the latest guidelines. For further reference, please refer to the detailed course catalog.

Year One

(two semesters; six months each)
geometrical optics, general physiology, general anatomy, general and ocular biochemistry, professional communication, physical wave optics, ocular physiology, ocular anatomy, environment and ecology, computer fundamentals and programming

Year Two

(two semesters; six months each)
visual optics, lighting and the eye, microbiology & pathology, pharmacology (general & ocular), ophthalmic & optical instrumentation and procedures, clinical refraction, anterior segment diseases, dispensing optics

Year Three

(two semesters; six months each)
binocular vision & ocular motility, clinical refraction, contact lens, posterior segment diseases & neuro-eye diseases, low visual aids & visual rehabilitation, systemic conditions & the eye, public health, community optometry, biostatistics, professional practice, applied optometry & orthoptics

Year Four

The fourth final year is set aside for internship. Students familiarize themselves with the various hospital and workup procedures as part of the curriculum.



The Most Trusted Optometry Institute in Eastern India



Scan this QR code for more information on why study in VCOVS and why optometry is the right choice for you.

Information to candidates



All students admitted to the institute will be governed by the rules and regulations that are prescribed from time to time.

College Timings

The working hours of college are from 9:00 AM to 5:00 PM. However during the final year as the students are posted for internship in different speciality clinics and out patient procedures, the timing will depend on the host clinical schedule. Punctuality and attendance will be considered for evaluations.

Identity card

Each student will be given an identity card which the students are supposed to wear all the time inside the campus. Students will not be allowed to enter the college and clinics without the identity card.

Instruments

All students must compulsorily possess a retinoscope and an ophthalmoscope before the first semester of the second year.

Log book

Students are expected to maintain a log book for all the practical and clinical sessions they attend with relevant details. The log book should be submitted whenever asked and before the examinations.

Dress code

The college has its own dress code which is a must for all students whenever they attend the college and clinics. Since the students are expected to work in a professional clinical setting formal dress code is mandatory.

Applying for leave

Students are advised to give prior information to the college authorities about their leave/ permission failing which strict disciplinary action will be taken. Medical Certificate need to be produced from a Registered Medical Practitioner in case of leave days more than 2 days.

Observerships/ OPD

The third and final year students are given a chance to observe and perform community vision screening/ eye care awareness creation activities through various scheduled programs.

Holidays

Allotted holidays will be specified in the institution's calendar. The Principal holds the final authority to declare holiday on any other circumstances. The students are requested to contact the office for further information.

Anti-Ragging and Conduct

The institute has formulated strict anti-ragging guidelines and all students are required to sign an undertaking to abide by these guidelines.

Students, if found violating these guidelines are liable to strict disciplinary action including expulsion from the institute and also lodging of a criminal case against the student at the police station as per the directive from the Hon'ble Supreme Court of India.

- Students who have Passed 10+2 Higher Secondary Examinations from a Recognised Board/University in Science Stream
- Subject combination eligibility : Physics + Chemistry + Biology or Mathematics
- Interested candidates will need to collect the prospectus, application form and introduction module from the college on payment of INR 1,000 in Cash/ Demand Draft, in the favour of "Vidyasagar College of Optometry & Vision Science".
- For International Students, an amount of INR 200 or more will be applicable extra for courier and handling charges.
- The latest updated fees structure is available from the college website or upon request on email.
- The Prospectus Pack includes an Orientation Manual for newcomer students "Introduction to the World of Optometry". Students will find this a useful guide for their career in optometry.



Our Centers

Students benefit from our speciality services like contact lens clinic, binocular vision and paediatric vision clinics, retina and low vision services as part of their clinical training curriculum. Students are also given a chance to observe and perform community work and volunteer in vision awareness campaigns through various scheduled programs.



VIDYASAGAR COLLEGE OF OPTOMETRY
AND VISION SCIENCE

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WB, India

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