



# SILIGURI GREATER LIONS EYE HOSPITAL

*Restoring The Beauty Of Sight Since 1981*



## School Of Ophthalmic Studies

A Centre of Excellence in Education & Training in Eye Care Faculties  
Creating Motivated & Skilled Individuals to Caters to the Eye Care Needs  
Of North Bengal & India's North East



## An Introduction

Welcome to Siliguri Greater Lions Eye Hospital, the biggest Lions Club eye hospital systems in India and the only NABH certified super specialty eye hospital in the region of North Bengal and Sikkim. The hospital systems together also host the biggest Ophthalmic Training Institute providing classroom education carefully blended with extensive clinical experience in the multiple faculties of Ophthalmic studies.

## Your Scope Of Learning

*What exposure you can expect from the curriculum*

The hospital conducts more than 700+ outreach camps reaching to remote hamlets of the region where eye care is still inaccessible. Supported by 22+ primary eye care Vision Centres the hospital systems together intercepts and bring at the base hospital more than 12,000+ patient providing them with free comprehensive screening and surgery. The hospital in the year 2019 conducted 18,000+ surgeries across all streams of Cataract, Retina, Cornea, Glaucoma and Paediatric eye care and conducts vision screening of at least 1,50,000+ persons in a year.

Being with the school of ophthalmic studies would mean becoming a part of all these vital exercises at the hospital including outreach camps, diagnostics, comprehensive eye screening and treatment with the best Ophthalmologists, Optometrists and trainers in the country. At one side this may appear very happening, but it can also be sometimes overwhelming catching up with the pace of work at the hospital. Hence, if you are open to learning, and are filled with the spirit of reaching out to your patients, the hospital can provide you with the perfect platform and a plethora of opportunities to grow as an Ophthalmic practitioner.



## About The Campus

### Optometry Training programs

#### The World Council of Optometry defines the Optometry as:

“Optometry is a healthcare profession that is autonomous, educated, and regulated (licensed/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”.

In other words an Optometrist plays a crucial role in providing the Ophthalmologist with the necessary finding depending on which correct prognosis and treatment becomes possible.

#### Scope and Career Options

As eye care in India progresses - both in widening its reach across the nation and in raising its standards to the highest levels - and new and more sophisticated eye care products are available in the market, there is an increasing demand for competent optometrists who can provide the best eye care for people with visual disabilities. In Eye Health Care Pyramid optometrists comes just under ophthalmologist.

To fulfill this growing need especially in India's North East, Siliguri Greater Lions Eye Institute offers a well-defined, recognized and nationally acknowledged eye care programmes accepted across India.





## Diploma in Optometry

*Programme affiliated by State Medical Faculty of West Bengal*

### Description

Diploma in Optometry (DOPT) is a two-year programme with 6 months Internship programme started with the objective of producing trained ophthalmic personnel for rendering eye care services to the masses. The incidence of preventable blindness in India is ever increasing due to non-availability of qualified eye care professionals. The qualified personnel can work with vision care hospital as a part of team with ophthalmologists and optometrist and contribute towards prevention of blindness.

### Duration

2 years 6 months

### Eligibility

The basic eligibility criteria for pursuing Diploma in Optometry is qualifying 10+2 or equivalent examination in Science stream with Physics, Chemistry, Biology and/or Mathematics from a recognized board of the country.

### What Would You Learn

The optometrists are required to examine and diagnose specific eye-related disorders, manage injuries and underlying problems of the visual system and also counsel and prepare clients for their underlying treatment options (both surgical and non-surgical). For performing these duties diligently, the candidate has to be,

- Be patient and sensitive in communicating with the patient and be confident in their approach towards patient care.
- A strong disposition to serve others and self-discipline
- The ability to deal with clients tactfully
- Professional ethics characterized by persistence and dedication
- They should be willing to serve people
- Should be a team player and coordinate effectively with other members of the team.



## Internship Programme for Optometrist

### Description

Most of the Optometry colleges in India do not have an attached eye Hospital. The hospital offers these students of different colleges a comprehensive on job training in different eye specialties and Diagnostics at its premises under skilled supervision of the Trained Health Care professionals, Optometrists & Ophthalmologists of the Hospital. Being a super specialty Charity Eye hospital with extensive grass root reach, it conducts more than 700+ eye screening camps across North Bengal and Sikkim. The intern students also participate extensively in the implementation of these camps, screening exercises and take leadership roles in bringing treatment to these people through the community outreach, ophthalmology programme contributing to improve the eye health seeking behavior among the masses.

### Duration

13 months

### Eligibility

1 Year internship programme offered as the last year B.Optometry programme  
6-month internship to Diploma in Optometry students

### What Would You Learn

The students come to learn the practical implications of the course with a more human centric appeal, learning effective communication, empathy and professionalism.





## Paramedic Courses

### *Our Autonomous Courses*

#### **Vision Technician**

##### **Description**

Vision Technician are primary eye care providers who work as the bridge between the primary eye care model with secondary & tertiary eye care. A Vision Technician comes under an Optometrists in the hierarchy ladder and are mostly the guardians of primary eye care initiatives in community ophthalmology. In eye health care pyramid, they lie at base of pyramid and play important role in outreach activities, promoting eye health seeking behavior through the community participation in different awareness programs. The program at the hospital is an autonomous 2 years course specifically designed to provide primary eye care services like dispensing proper eye glasses, detection of eye ailments that need secondary or tertiary treatment and act as a proper referral who needs medical and surgical intervention from all peripherals.



##### **Accreditation Status**

Autonomous course in process of accreditation with local university

##### **Duration**

2 Years

##### **Eligibility**

10+2(Science preferable), both male and female candidates may apply.

##### **What Would You Learn**

The Vision Technician course is are required to examine and diagnose specific eye-related disorders, manage injuries and underlying problems of the visual system and also counsel and prepare clients for their underlying treatment options (both surgical and non-surgical). For performing these duties diligently, the candidate has to be,

- Be patient and sensitive in communicating with the patient and be confident in their approach towards patient care.
- A strong disposition to serve others and self-discipline
- The ability to deal with clients tactfully
- Professional ethics characterized by persistence and dedication
- They should be willing to serve people
- Should be a team player and coordinate effectively with other members of the team.

## Ophthalmic Assistant

### Description

Certified ophthalmic assistants aid ophthalmologists by obtaining medical records, and explaining to patients about medication or procedures. Ophthalmic assistants generally work closely with an ophthalmologist, and optometrist gathering patient information necessary to complete a diagnosis. Assistants often see the patient before the ophthalmologist, and is often responsible for preparing the patient for the exam and beginning the examination with standard tests and measurements. They also play major role in quality patients care in OPD, IPD and OT.



### Eligibility

10+2(Science preferable) only female candidates

### Accreditation status

2 years In process of accreditation from HSSC

### What would you learn from the programme?

- Gathering medical records and patient information
- Taking ocular measurements, both anatomical and functional
- Administering or preparing medications
- Providing eye care and contact lens information to the patient
- Maintaining and cleaning ophthalmic instruments
- Assisting the ophthalmologist in basic and Operation Theater procedures

## Optical Sales and Dispensing

### Description

Optical dispensing and sales is a subspecialty of optometry which includes all procedures from the time the glass prescription is presented to the optician till the patient receives the pair of glasses satisfactorily. A trained optician is required for the management of avoidable blindness by means of modern scientific dispensing. The hospital offers advanced training in optical dispensing and trains the optical technicians in a well-equipped optical training center. The objective of this course is to develop the optician's skills and knowledge for quality vision care services both dispensing and sales.



## Duration

6 +2 months Autonomous Program

## Eligibility

10+2

## What would you learn from the course?

- Guide the patients to choose suitable frames and appropriate lenses
- Measure the lens power by lensometry
- Dispense spectacle both manually and with help of Automated machines
- Troubleshoot the problematic spectacles
- Do the frame measurements, centering and decentering
- Inspect the lens defects



## Bio-Medical Engineering

A Certificate Course on Maintenance of Ophthalmic Instruments and Equipment

## Description

Trainees will be taught to understand the working principle of ophthalmic equipment as well as the technique of trouble shooting an instrument. They will be given an opportunity to dismantle and reassemble an equipment or an instrument. Trainees will also have a chance to carry out maintenance tasks in the hospital under close supervision and guidance of an SGLEH Biomedical Engineer.



## Duration

6 months Autonomous Program

## Eligibility

Paramedics from eye hospitals / any person who has the passion towards the subject.

## What would I learn at the end of the course?

- General maintenance of instruments and equipment
- Maintenance of electrical and electronic parts of instruments
- Maintenance of optical parts of instruments
- Maintenance of mechanical parts of equipment



## Fellowship Programmes

### Comprehensive Fellowship in Optometry

#### Description

This program is designed for those trained Optometrist who wants to further empower themselves in a specific stream of clinical optometry. The programme offers the candidate with the opportunity to work closely with the Doctor and Optometrist of the specialty and serves the opportunity to handle patients independently under supervision.

**Duration:** 6 months



### Fellowship in Ophthalmic Investigation

#### Description

This fellowship program is specially designed to produce quality optometrist who specializes in different diagnostic tests and can document reports to assist doctors and the organization in Clinical research, development of treatment, and specializes care administration for better eye care.

**Duration:** 6 months



### Fellowship in Pediatric Optometry

#### Description

Pediatric Optometry is specialized programme for optometrist who are interested in learning specific skills focused towards Pediatric Ophthalmology. Regular optometry procedures include very less interaction and training that may help them understand the need to provide quality eye care services to the pediatric population. As this population is very sensitive and wrong management may hamper the development and management of normal visual function. The fellowship is specially designed to empower these Optometrist play a major role in examining pediatric population.

**Duration:** 6 months



# Fellowship For Ophthalmologists

## Short term fellowship (SICS)

### Description

This course was started to train Ophthalmologists in manual SICS. For ophthalmic surgeons all over the world, manual SICS provides the ideal stepping stone to mastering phacoemulsification. The objective of this course is to convert an ECCE surgeon to perform SICS with the help of a well-structured training program.

### Duration

3 to 6 months, Autonomous Program

### Eligibility

Practicing Ophthalmologists with knowledge of SICS and ECCE

### What would learn during the course

Observing SICS and performing ECCE cases for 2 days

SICS step surgery under the supervision

Perform surgeries completely and independently.

Trainees can get practice in wet lab on human donor/animal eye/simulator



## Short term fellowship (PHACO)

### Description

The hospital to keep pace with current and future needs started its short term training programme in phacoemulsification for practicing ophthalmologists with support from Zeiss. The aim is to train candidates in phacoemulsification surgery as well as in the maintenance of Phaco machines.

### Duration

3 to 6 months Autonomous Program

### Eligibility

Practicing Ophthalmologists with knowledge of SICS and ECCE

### What would learn during the course

Observing Phaco and performing SICS

Phacoemulsification surgery under supervision

Independent surgery and instructions on Phaco machine maintenance by faculty from Instrument Maintenance Department





## Courses Awaiting Affiliation

### Primary Diplomate of National Board (DNB)

Any medical graduate with MBBS qualification, who has qualified the entrance examination conducted by NBE and fulfill the eligibility criteria for admission to the 1 years DNB Board Specialty courses at various NBE accredited Medical Colleges/ institutions/Hospitals in India is eligible to participate in the Centralized counseling for allocation of DNB Ophthalmology seats purely on merit cum choice basis.

#### Description

DNB (Ophthalmology) is a residential training-cum-employment post-graduate programme in ophthalmology encompassing both academic and clinical aspects of the discipline.

### Fellowship in Comprehensive Ophthalmology

The one year fellowship programme comprises technical instruction in modern methods of eye care, extensive work experience and complete patient care. It prepares candidates for a professional career in comprehensive ophthalmology with the ability to manage an eye care center independently.

#### Description

Candidates will be trained in the diagnosis and management of common eye diseases in the area of eye examination, uses of all investigative procedures, medical, surgical interventions. The clinical training involves fellows working in rotation through different subspecialties in the outpatient department.

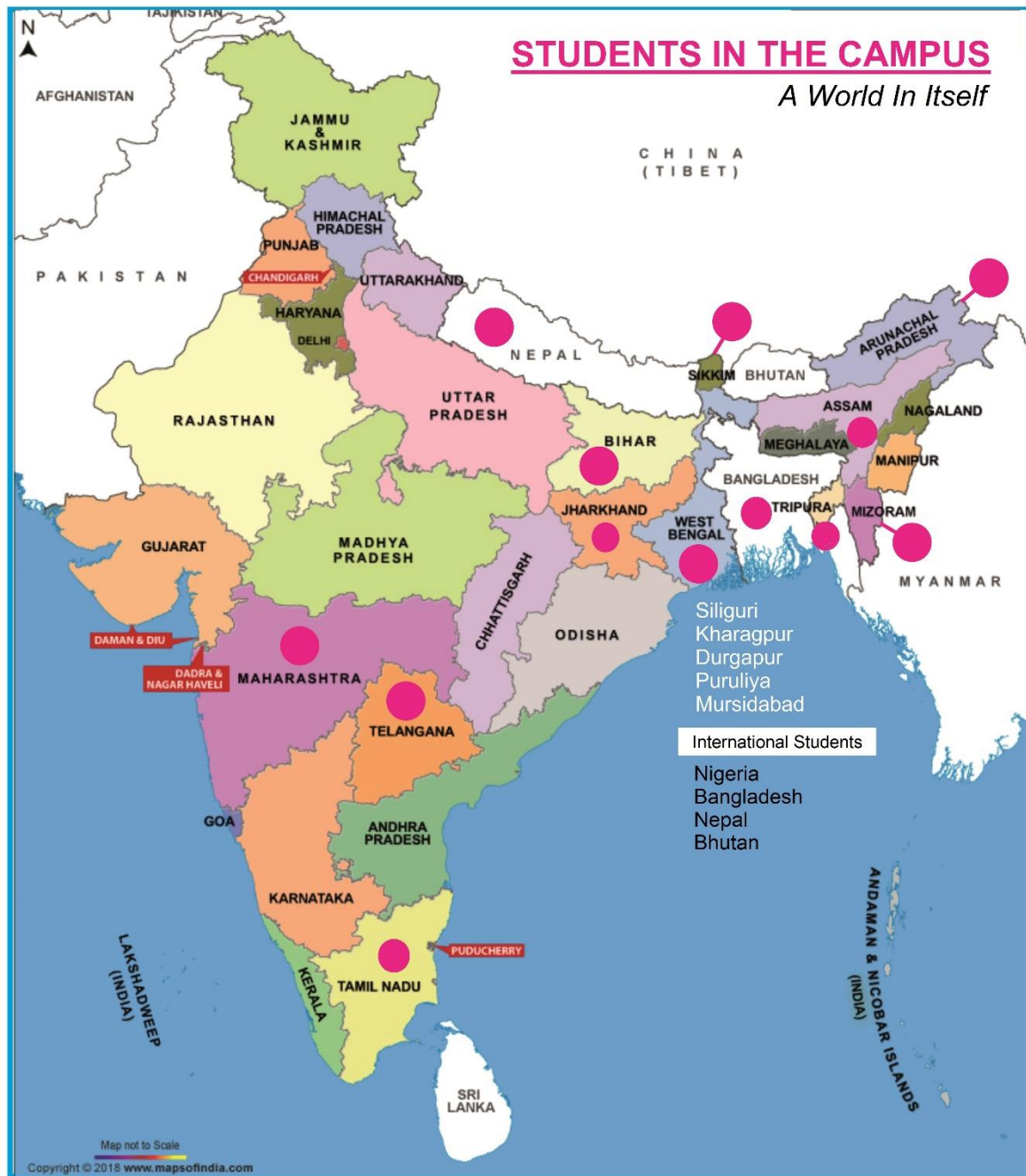
## Management Course

### Hospital management and eye care management

This course allows participants to thoroughly understand the hospital approach by balancing time observing its facilities and addressing and discussing management issues within the classroom. You will spend significant time in Lions tertiary and secondary care hospitals, vision centers, community centers, and outreach eye camp seeing and questioning the practices you learn about in class. Class time is a combination of case discussions and lectures supplemented by reading assignments and exercises.

#### Description

This course equips the participants with the knowledge and tools required for effective administration of an eye hospital - an understanding of the various departments of an eye hospital, exposure to management systems and best practices.



To Know More About the Programmes Please Write To [trainings@greaterlions.org](mailto:trainings@greaterlions.org)  
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