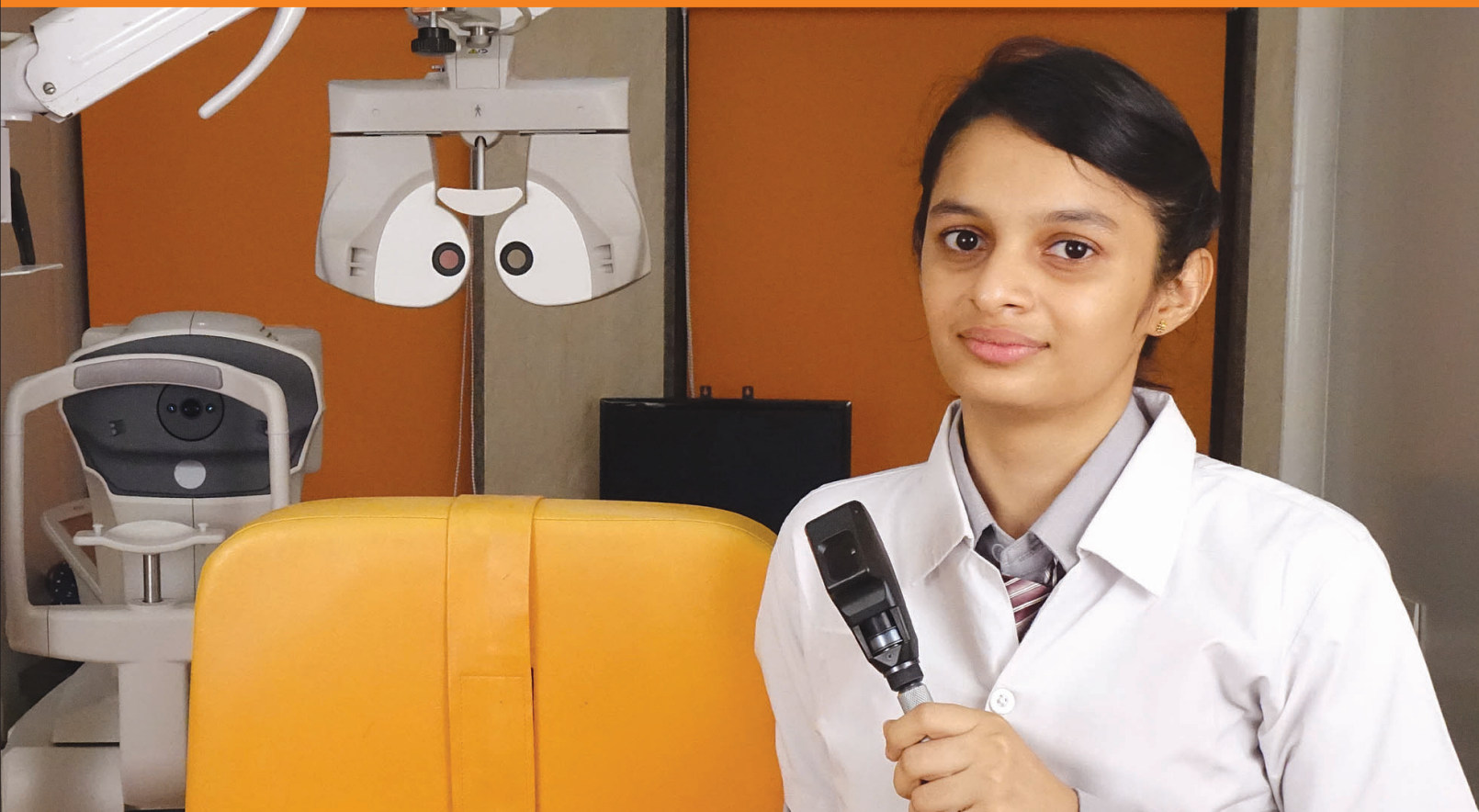


Set your Sight on Success with Optometry



## HARI JYOT COLLEGE OF OPTOMETRY

(AFFILIATED TO VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT)



MANAGED BY

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# HARI JYOT COLLEGE OF OPTOMETRY

(AFFILIATED TO VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT)  
Offers

**BACHELOR OF OPTOMETRY (B. Optom.)**  
(Four years Degree Course)

**MASTER OF OPTOMETRY (M. Optom.)**  
(Two Years Degree Course)



Inspiration

Founder Chairman

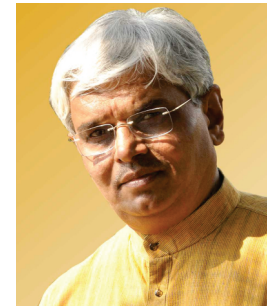
Chairman



Shri Naranbhai G. Patel



Lt. Shri Viral Purohit



Shri Yogesh J. Naik

There are 13 crore visually challenged people in India because of uncorrected refractive error.(WHO report). The Problem stems from lack of qualified optometrists. To provide excellent vision care to all the people of the country, India needs 1,15,000 Optometrists whereas India currently has approximately 9,000 Optometrists only.

## WHAT IS OPTOMETRY ?

Optometry is an independent vision care science, which covers the examination of Human Eyes and Visual system for the estimation of errors of refraction, the fitting manufacturing and supply of optical aids.

Optometrist is an independent discipline in eye care. The optometry is a primary health care professional who is institutionally educated and clinically trained in the art and science of optometry. He is required to examine the eyes and the visual system, diagnose the visual problem, prescribe and provide remedial corrective treatment in the form of spectacles, contact lenses, low vision aids or vision therapy. If any pathological condition is detected during the examination, the Optometrist should immediately refer the patient to an Ophthalmologist.

The present scope of Optometric practice is far more than the determination of the refractive state of the eyes and the prescribing and dispensing of glasses. Importance of optometric education has grown with availability of new ophthalmic modes of treatment and optical products manufactured by latest technology are made available to the common man.

## RESPONSIBILITIES :

- To conduct primary examination of the eye.
- Diagnose Ocular & related systemic & neurological diseases and refer the cases to the concerned professionals.
- To prescribe corrective measures like spectacles, Contact Lens, Low Vision Therapy.
- To involve in evaluation for treatment of cross eyes (Squint).
- Design, Manufacture, prescribe, & fit all kinds of optical aids.
- Examine, diagnose & prescribe remedial treatment for ocularmotility malfunctions such as phorias, tropias, and other types of neuromuscular anomalies.
- Undertake public health Optometry projects.
- To Counsel patients with partial vision, color vision defects and other hereditary ocular defects.

## ABOUT THE COLLEGE

Hari Jyot College of Optometry is premier educational institutes of the Gujarat State. The college is self-financed institute and managed by Rotary Eye Institute. It has its own separate governing board.

### COURSES OFFERED

**1** B. Optom.  
BACHELOR OF OPTOMETRY  
(Four years Degree Course)

**2** M. Optom.  
MASTER OF OPTOMETRY  
(Two Years Degree Course)

The college was established in September 2005 .The college is affiliated to Veer Narmad South Gujarat University, Surat. The examination at the end of each semester is conducted by the University. At the end of Internship, students get Internship Certificate from Veer Narmad South Gujarat University.

In 2010, Hari Jyot College of Optometry offered a post Graduate course called Master of Optometry was started with the intake of 10 students every year Affiliated to Veer Narmad South Gujarat university managed by Rotary Eye Institute. The medium of instruction is English.

- Affiliated to Veer Narmad South Gujarat University, Surat.
- Affiliated to Optometry Council of India (OCI)
- Life Member of Association of Schools and Colleges of Optometry (ASCO)
- Resource Centre International Association of Contact Lens Educators, Australia.
- Class rooms with LCD Projector.
- Hospital facilities for clinical exposure.
- Maximum exposure for Community Outreach programs, Workshops, Conferences, Seminars ect.
- Special / Online lectures will be conducted by outside faculties/ Doctors/Professionals.
- Advanced Library along with Internet facilities, Journals of Optometry & Ophthalmology.
- Well equipped Practical Room for practical Knowledge.
- Facility of Online Students Management System.

### ELIGIBILITY CRITERIA

- I. Candidate must have passed the HSC examination (10+2 course) from the Gujarat Board of Secondary & Higher Secondary Examinations or its equivalent with Physics, Chemistry and Biology subjects from a recognized board
- II. Must have completed 17 years of age as on 31<sup>st</sup> December of the year of admission to the course or earlier.

### COURSE DURATION

The First Three years of education is a combination of didactic lectures and practical training in the clinic.

The final year comprises of clinical training (Internship) at Rotary Eye Institute wherein students get hands on experience in diagnosing and managing the most complicated disorders. Students also get exposure on Outreach activities and managing optical stores. The final year training also includes seminars, presentation and project work.



The fees will have to be paid at the beginning of the academic year. The changes in above fees shall be subject of approval by Retd. Just. R. J. Shah fees committee of Govt. of Gujarat.

Hostel facilities are available for both Boys and Girls.

## C O U R S E C O N T E N T S

<p style="text-align: center;"><b>1</b> FIRST YEAR</p>	<p><b>First Semester</b> Human Biology Basic Biochemistry Physical Optics &amp; lightning Geometric Optics Dispensing Optics</p>	<p><b>Second Semester</b> Eye Anatomy &amp; Physiology General Pharmacology Ocular Pharmacology Pathology / Microbiology Ophthalmic Optics Computer / Record keeping</p>
<p style="text-align: center;"><b>2</b> SECOND YEAR</p>	<p><b>Third Semester</b> Visual Optic Dispensing Optics Optometric Instruments Clinical Examination and Visual System Ocular Disease – I</p>	<p><b>Fourth Semester</b> Ocular Disease (II) Optics and Refraction Optometric Optics Low Visual Aid Optometric Investigation</p>
<p style="text-align: center;"><b>3</b> THIRD YEAR</p>	<p><b>Fifth Semester</b> Contact Lens – I Systemic Diseases of eye Nutrition Major Eye Disease Public Health and Community Optometry Binocular Vision &amp; Ocular Motility</p>	<p><b>Sixth Semester</b> Contact Lens II Advanced Orthoptics Geriatric Optometry Occupational Optometry Pediatric Optometry Optometry Law</p>
<p style="text-align: center;"><b>4</b> FOURTH YEAR</p>	<p><b>One year Rotational Internship</b> at speciality clinics, Refraction department / Eye Camp / Industrial survey / school camp and other Community Eye Health Camp and Project work.</p>	

## About Rotary Eye Institute, Navsari

The Rotary Eye Institute is a leading charitable eye hospital located at Navsari, Gujarat, India. The project was established in 1977 and since then, it is serving economically unprivileged families settled in Gujarat and boarding tribal areas of Maharashtra, Madhya Pradesh and Rajasthan States.

The institute operates 85 bedded hospital with high tech ophthalmological equipments. It has 7 full time and 3 speciality doctors and staff of 90 persons including Nursing, Para-medical and Clerical Staff. The outpatient department (OPD) examines on an average 150 eye patients per day with specialized clinics like Cornea and Contact Lenses, Retina and Vitreous, Glaucoma, Squint and Orthoptics. To provide total eye care under one roof, the institute also operates a Pharmacy, Pathological Laboratory and an Optical manufacturing and dispatching unit.

The Institute organizes over 300 free eye camps annually. In the last few years years, REI has developed 10 satellite centers in tribal areas in and around Navsari, Valsad, Surat & Tapi Districts.



## ELIGIBILITY TO FURTHER STUDIES

Students who wish to pursue a further study after completing their B.Optom they may apply to get admission in Master of Optometry, (M.Optom), M.Phil, Ph.D in Optometry, Fellowship in Optometry. They may apply to get admission for Doctor of Optometry (OD) in Overseas Universities.

### Career Options for Optometrist :

- Jobs in Eye Hospitals as an Optometrist.
- Practice independently as Vision Care Professional in Spectacles, Contact Lens, Low Vision Services.
- Diagnose Ocular & related Systemic & neurological diseases and refer the cases to the Professionals.
- Specialized Eye Clinics Hospital such as
  - Contact lenses
  - Geriatrics
  - Low vision Services (for visually Impaired patients)
  - Occupational Vision
  - Sports Vision or vision therapy.
- Optometric Education or Scientific Research
- Retail Chain Outlets
- Multinational companies such as Spectacles, Ophthalmic lenses, contact lenses and Instruments





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**ROTARY EYE INSTITUTE**

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