

LV Prasad Eye Institute



**Two-year Program**

**VISION**

**TECHNICIAN**

**COURSE**



at

**Bausch & Lomb School of Optometry  
Brien Holden Institute of Optometry  
and Vision Sciences**



## L V Prasad Eye Institute

L V Prasad Eye Institute is a comprehensive eye health facility with its main campus located in Hyderabad, India. A World Health Organization collaborating centre for prevention of blindness, the Institute offers comprehensive patient care, sight enhancement and rehabilitation services and high-impact rural eye health programs. It also pursues cutting edge research and offers training for various eye care professionals and administrative personnel.

LVPEI's Kallam Anji Reddy campus at Hyderabad, a Centre of Excellence, is complemented by four Tertiary Centres - Mithu Tulsi Chanrai campus in Bhubaneswar; GMR Varalakshmi Campus in Visakhapatnam; Kode Venkatadri Chowdary Campus in Vijayawada; Y S Rajasekhara Reddy Campus in Kadapa.

In fulfillment of the Institute's charter, over 50% of the services at LVPEI, regardless of complexities, are offered free of cost to the economically disadvantaged. Every patient receives the highest quality of care, regardless of caste, creed, or ability to pay.

LVPEI has ten active arms to its areas of operations: Clinical Services, Education, Research, Vision Rehabilitation, Rural and Community Eye Health, Eye Banking, Advocacy and Policy Planning, Capacity Building, Innovation and Product Development. Its focus is on extending eye care to everyone, especially the underprivileged, while maintaining the highest standards - whether it is a simple eye examination or a complicated surgery, post-operative care, or counseling and rehabilitation of the visually impaired. Our eye care team adopts a systematic and knowledge-based approach to deal with the full range of eye related problems.

Apart from the tertiary care centres, LVPEI has also set up a network of satellite, partner and affiliate centres across Telangana, Andhra Pradesh, Odissa and Karnataka, and designed and implemented many innovative community eye health programs. Every day hundreds of people who cannot afford eye care, receive quality eye care services from some of the best eye-health professionals, while hundreds more benefit from LVPEI's rural affiliates and satellite clinics in urban slums.

## Education at LVPEI

From its very inception, training has been a key part of LVPEI's activities. Training programs are offered for personnel at all levels of the eye care service delivery chain: post doctoral ophthalmology fellows and practicing ophthalmologists, optometrists, ophthalmic technicians, vision technicians, nurses, nursing assistants, support staff and eye care administrators.

Education at LVPEI has three main objectives:

- To upgrade the skills of practicing eye care professionals
- To provide opportunities to keep abreast of developments in the field of vision science and eye care delivery
- To equip new entrants to the field with the appropriate skills and knowledge

## Bausch and Lomb School of Optometry, Brien Holden Institute of Optometry and Vision Sciences

Bausch and Lomb School of Optometry (BLSO) was established in 2000 with the support from Bausch and Lomb, USA and the technical and professional advice from International Centre for Eye Care Education, Australia.



BLSO located at Kismatpur, has 7 class rooms and basic science and pre-clinic labs, with a training capacity of 75 students per year. It also has an open library which is accessible to all students from 7:00am until midnight, and has wireless internet enabled throughout the campus. Additionally, it has an open-air amphitheatre to promote group activities and boarding and lodging facility to facilitate in-house training.

At present the school has two courses:

- A four year B. Optometry programme in collaboration with GITAM university, Hyderabad
- Post graduate Diploma in Optometry & Vision Sciences (PGDOVS)
- Clinical Internship in Optometry
- Clinical Fellowship in Ophthalmic Techniques
- Clinical Fellowship in Contact lens
- Vision Technician: a two-year course, this course is meant to develop human resources to provide primary eye care services in rural area. This course is accredited by IJCAHPO (International Joint Commission on Allied Health Personnel in Ophthalmology)



## Vision Technician Course details

<b>Starting date</b>	First Monday of February and August every year
<b>Duration</b>	2 years
<b>Candidates</b>	Offered to institutionally sponsored candidates only
<b>Course Plan</b>	First year - 5 months of theory with pre-clinical training and remaining 7 months, clinical posting under supervision in LVPEI network Second year - Clinical internship in LVPEI network
<b>First year course plan: Theory and pre - clinical training</b>	<p>Training takes place at Brien Holden Institute of Optometry and Vision Sciences, GPR campus at Kismatpur - Hyderabad, GMRV Campus in Visakhapatnam, KVC Campus in Vijayawada, MTC Campus in Bhubaneswar.</p> <p><b>Theory classes comprises the following subjects:</b></p> <ul style="list-style-type: none"> <li>• Anatomy &amp; physiology of the eye</li> <li>• Common eye diseases</li> <li>• Clinical techniques (including streak retinoscopy, slit lamp biomicroscopy)</li> <li>• Ophthalmic optics &amp; refraction</li> <li>• Basic dispensing of glasses</li> <li>• Community eye care</li> </ul> <p><b>Pre-clinics training comprises the following:</b></p> <ul style="list-style-type: none"> <li>• History-taking</li> <li>• Visual acuity assesement/refraction</li> <li>• Slit lamp examination</li> <li>• Applanation tonometry</li> <li>• A-scan</li> <li>• Prescribing and dispensing glasses</li> <li>• Visual field mapping and Fundus imaging</li> </ul> <p>A theoretical and practical exam will be conducted at the end of five months.</p>
<b>Second year: Internship</b>	<p>Clinical internship in LVPEI network</p> <p>(i) students will be posted in different departments and different locations of LVPEI network centers</p> <p>(ii) Regular theory classes will be conducted</p> <p>(iii) Attends all Continuing Professional Development (CPD) programs</p> <p>(iv) Regularly monitoring of students clinical performance</p> <p>(v) Final clinical evaluation at the end of internship</p>
<b>Food and accommodation</b>	First year, all the students would be provided food and accommodation at free of cost
<b>Stipend</b>	First year, a stipend of INR 1000/- per month and second year INR 8000/- per month will be provided to all students

<b>Eligibility and pre-requisite</b>	<ul style="list-style-type: none"> <li>• 10+2 pass or equivalent</li> <li>• Should be able to understand basic/simple English</li> <li>• No vocational courses will be eligible</li> </ul>
<b>Selection process</b>	<ul style="list-style-type: none"> <li>• Initial selection is done by the sponsoring organization</li> <li>• Admission exam consists of written test and personal interview</li> </ul>
<b>Career path</b>	<p><b>After 3 years of work experience in LVPEI network:</b></p> <ul style="list-style-type: none"> <li>• Based on performance, will be promoted to VC Coordinator in charge of monitoring or supervising a group of VCs in our network.</li> </ul>
<b>Last date of Application Submission</b>	<ul style="list-style-type: none"> <li>• Second Saturday of January for February batch</li> <li>• Second Saturday of July for August batch</li> </ul>
<b>Additional information</b>	<ul style="list-style-type: none"> <li>• All students have to complete the entire two-year course and pass all the examinations to qualify for the certificate of Vision Technician. Students performance will be communicated to sponsoring organization regularly.</li> <li>• Despite the best efforts by the school, if a student fails to meet with the criteria of becoming a good Vision Technician, the student may be sent back. This can be done at any time during the two-year course, but is most likely to happen during the first months, after the exams at the end of the theory part (5<sup>th</sup> month) and after the first clinical posting. Course fee will not be refunded in any case. Hence sponsoring agencies should take due care in the selection of their candidates.</li> <li>• When the student shows potential, but needs more time to clear the theory part, a 6 months extension can be granted.</li> <li>• The sponsor has to pay the stipends for the extra six months.</li> <li>• International students should bring medical fitness certificate with them and should have a health insurance for the period of their stay in India.</li> </ul>
<b>Payment</b>	<ul style="list-style-type: none"> <li>• Students (except those sponsored by LVPEI) should bring a DD for INR 250,000/- drawn in the favor of HYDERABAD EYE INSTITUTE payable at Hyderabad (will be collected on first day of the course).</li> </ul>



# Scholarship for merit students

“Best Performing Vision Technician”

**Prof Uma Sai Prakash’s**

*Gold Medal for being the best outgoing student of the Vision Technician Program*

**Prof. Krothapalli Ravindranath Annual Endowment Awards**

Prof. Krothapalli Ravindranath - **First Prize**

Shri Krothapalli Satyanarayana - **Second Prize**

‘Smt. Krothapalli Vimaladevi - **Third Prize**

## Course Fee

Category	INR
Tuition fee	56,000
Food Expenses	44,000
Hostel Expenses	36,000
Study Material	3000
Uniforms	3,000
Stipends year - 1	12,000
Stipends year - 2	96,000
<b>Total</b>	<b>250,000</b>

*For any further information, Kindly write to:*

**Brien Holden Institute of Optometry and Vision Sciences**

**L V Prasad Eye Institute**

**Gullapalli Prathibha Rao Campus**

Don Bosco Nagar (PO), Kismathpur, Hyderabad 500086, Telangana, India

Telephone: +91 40 35225633 / 5634

Course In charge: **Mr Sitaramanjaneyulu Madhukuri**; Email: anji@lvpei.org

Registrar: **Mr Vijay Kumar Yelagondula**; Email: vijaykumar@lvpei.org

**GMRV campus: Visakhapatnam**

Mr Lokesh: 9396612020  
Ms Lakshmi: 7396502555

**MTC campus: Bhubameswar**

Mr Krushna Gopal: 8895662033  
Ms Deepanjali: 7008833402

**KVC campus: Vijayawada**

Ms Mymoon: 7386270760  
Ms Himaja: 8125867870

## The LVPEI Eye Health Pyramid

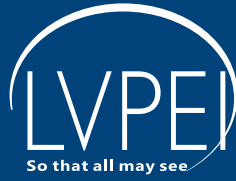


### Vision

To create excellent and equitable eye care systems that reach all those in need.

### Mission

The mission of L V Prasad Eye Institute is to be a centre of excellence in eye care services, basic and clinical research into eye diseases and vision-threatening conditions, training, product development, and rehabilitation for those with incurable visual disability, with a focus on extending equitable and efficient eye care to underserved populations in the developing world.



LV Prasad Eye Institute

# Careers in Eye Health for Underprivileged Youth: Mid-level Ophthalmic Personnel



# Introduction

Blindness and Visual Impairment are major public health problems in developing countries and India has a disproportionate share of the burden. While significant progress has been made in controlling these problems in India, major problems continue due to maldistribution and non-availability of both good infrastructure and well-trained human resources. Added to these are issues of equity, quality and accessibility.

One of the major deficiencies in the eye care delivery system is inadequate number of appropriately trained human resources. This is compounded by the fact that highly trained personnel are reluctant to serve in underserved remote rural and tribal areas as well as in urban slums.

All of these challenges clearly suggest that the health care delivery system that rely heavily on doctors, nurses or other professionals will fail to achieve the goal of universal health coverage. In 2006, the World Health Organization brought out a report titled “working together for health” highlighting the value of task shifting or rationale redistribution of tasks among health workforce. This was based on the principle of “allowing specific healthcare activities to health workers with shorter training and fewer qualifications and then ensuring right workers with right skills in the right place doing right things.

L V Prasad Eye Institute has adopted this approach and developed an innovative eye care delivery model (Pyramidal model) towards ensuring that eye care is available in remote rural areas. LVPEI’s model of eye care, represented by a pyramid, emphasizes the creation of sustainable permanent facilities within communities, staffed and managed by locally trained human resources and linked effectively with successively higher levels of care.

To ensure availability of appropriately trained human resource the institute also started training programs for this cadre of the eye care team also referred to as Mid-level Ophthalmic personnel (MLOP). These were developed after defining the needs and then providing training to develop competencies to meet these needs.

This cadre is entirely recruited from youth from rural and tribal communities. These individuals are trained at LVPEI and then are involved in delivering quality eye care in their own communities. The two examples are Ophthalmic Nurse Assistants who help in eye hospitals and Vision Technicians to provide primary eye care from our vision centres in remote rural and tribal areas (Many are trained to serve in other organizations).



# Ophthalmic Nurse Assistants (ONAs)

## Need for the training

It has been observed that fully trained nurses are not available in adequate numbers to work in specialized eye care units. Those who are available do not have adequate knowledge of eye nursing. Therefore, we initiated training programs to impart practical and relevant knowledge to trainees who would then join entry-level positions that were created by task shifting from doctors to nurses and from senior nurses to junior nurses.

## Aim

The aim of our training program is to create comprehensive ophthalmic nurses who are

-trained to provide complete nursing care to patients with eye disorders / problems. Our ONAs will serve with utmost sincerity, dedication and compassion.



## Outcomes

- Well-trained eye nurse cadre with appropriate competencies and compassion.
- Employment to rural women for underprivileged sections.
- We have trained 900 plus Ophthalmic Nurse Assistants. Currently, 511 are employed in our network and the remaining are employed elsewhere in the country.
- The Ophthalmic Nurse Assistants training program enables the trainee to earn a stipend while learning, and gain exposure in a premier tertiary or advanced tertiary centre of LVPEI. The program leaders guide trainees to follow a self-reliant career path. The ONA program is thereby facilitating women empowerment in the villages of India.

## Course Design

### Duration: Two Years

- One year of didactic lessons and hands-on training & One year of internship
- Two batches a year; each with 35 students (in February and August).

### Eligibility and Selection Process

- Girls who have finished studying 10th standard in school
- From economically underprivileged families

### Mode of Selection: Written test and Interview

**Cost: INR 2,50,000 / Student for Two years** (includes accommodation, food, stipend, tuition, etc.)



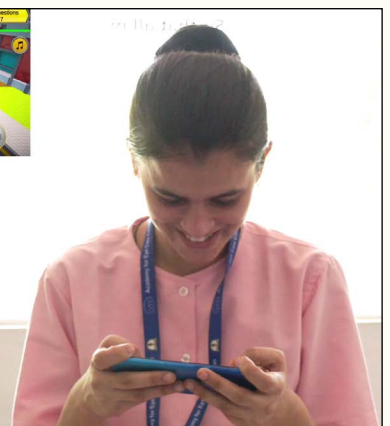
\* The entire course is at no cost to the student.



## Ophthalmic Nurse Assistant Training Program Details

<b>Starting date</b>	First Monday of February and August every year
<b>Duration</b>	months 2 years
<b>Candidates</b>	Offered to institutionally sponsored candidates and to individuals
<b>Training Program Plan</b>	First year - six months of theory with pre-clinical training and remaining six months clinical posting under supervision in LVPEI network. Second year - Clinical internship in LVPEI network.
<b>First year Training Program Plan: Theory and pre-clinical training</b>	<p>Training takes place at: Centre of Excellence Kallam Anji Reddy campus, L V Prasad Marg, Road 2, Banjara Hills, Hyderabad.</p> <p>Tertiary Centres: Mithu Tulsi Chanrai campus, Bhubaneswar, Odisha. GMR Varalakshmi campus, Visakhapatnam, Andhra Pradesh. Kode Venkatadri Chowdary campus, Vijayawada, Andhra Pradesh.</p> <p><b>Theory subjects:</b></p> <ul style="list-style-type: none"> <li>• Anatomy &amp; physiology of the eye</li> <li>• Common eye diseases</li> <li>• Operation theatre theory and practical (Scrubbing, gowning, gloving, prepping, pre-op post-op care, etc)</li> <li>• Fundamentals of Nursing (Vitals, bed making, eye drops administration, etc)</li> <li>• Microbiology</li> <li>• Nutrition</li> </ul>
<b>Second year: Internship</b>	<ul style="list-style-type: none"> <li>• Operating Room Attire</li> <li>• Central Sterile Supply Department CSSD</li> <li>• Pre-Op Area</li> <li>• Block area introduction:</li> <li>• Post-op/recovery area</li> <li>• Sterile area</li> <li>• OR Cleaning</li> <li>• Commonly Used Terminologies and Abbreviations</li> <li>• Surgical Steps of Each Procedure</li> </ul>
<b>Examination</b>	A theoretical and practical exam will be conducted at the end of six months.
<b>Clinical internship in LVPEI network</b>	<ul style="list-style-type: none"> <li>(i) Students will be posted in different departments and different locations of LVPEI network centres</li> <li>(ii) Regular theory classes will be conducted</li> <li>(iii) Attend all Continuing Professional Development (CPD) programs</li> <li>(iv) Regular monitoring of student's clinical performance</li> <li>(v) Final clinical evaluation at the end of internship</li> </ul>
<b>Food &amp; Accommodation</b>	First year, all the students would be provided food and accommodation free of cost

<b>Stipend</b>	First year, a stipend of INR 1000/- per month and second year INR 8000/- per month will be provided to all students.
<b>Eligibility and pre-requisite</b>	<ul style="list-style-type: none"> <li>• 10<sup>th</sup> standard pass pass or equivalent certificate ANM, MPHW</li> <li>• Should be able to understand basic/simple English</li> </ul>
<b>Selection process</b>	<ul style="list-style-type: none"> <li>• Initial selection is done by the management at the Secondary Centre and or Tertiary Centre and or Centre of Excellence, as per requirement</li> <li>• Admission examination consists of written test and personal interview</li> </ul>
<b>Career path</b>	<p><b>After 1 year, employment in LVPEI network:</b></p> <ul style="list-style-type: none"> <li>• Based on the ONA trainee's performance appraisal by the manager, the ONA will be promoted to a position for monitoring or supervising a group of ONAs in our network.</li> </ul>
<b>Last date of Application Submission</b>	<ul style="list-style-type: none"> <li>• All trainees have to complete the entire two-year training program and pass all the examinations to qualify for the certificate of Ophthalmic Nurse Assistant. Trainee performance will be communicated to the Administrator of the eye centre and the individual.</li> </ul>
<b>Additional information</b>	<ul style="list-style-type: none"> <li>• Despite the best efforts by the eye centre, if a trainee fails to meet with the criteria of becoming a good Ophthalmic Nurse Assistant, the trainee may be sent back. This can be done at any time during the two-year training program, but is most likely to happen during the first months, after the examinations at the end of the theory part (6th month) and after the first semi-clinical posting. Training Program fee will not be refunded in any case. Hence, the eye centres should take due care in the selection of their candidates.</li> <li>• When the trainee shows potential, but needs more time to clear the theory part, a six-month extension can be granted.</li> <li>• International trainees should bring medical fitness certificate with them and should have a health insurance for the period of their stay in India.</li> </ul>
<b>Payment</b>	<ul style="list-style-type: none"> <li>• Students (except those sponsored by LVPEI) should bring a Demand Draft DD for INR 2,50,000/- drawn in favor of HYDERABAD EYE INSTITUTE payable at Hyderabad (will be collected on the first day of the training program).</li> <li>• As the entire training program is being offered free of cost to the trainee, if required, the institute expects the trainee will attend to and serve patients of the Institute after completion of the training program. The trainee will be an employee of the institute with all the job responsibilities and benefits at the level of employment for three years.</li> <li>• It is the sole discretion of the institute to decide whether LVPEI wants to make an offer of employment to the trainee.</li> </ul>



# Scholarship for Merit Trainees

"Best Performing Ophthalmic Nurse Assistant"

**Smt Satyabhama S N**

**Dr Narain Rao S N**

*Rs 30000 Cash Prize and Certificate*

*awarded to the best outgoing student of the Ophthalmic Nurse Assistant Training Program*

**One ONA each from the two outgoing ONA batches – total two Awards**

ONA Batch, February – **First Prize**

ONA Batch, August – **First Prize**

## Training Program Fee

Category	INR
Tuition fee	56,000
Food Expenses	44,000
Hostel Expenses	36,000
Study Material	3000
Uniforms	3,000
Stipends year - 1	12,000
Stipends year - 2	96,000
<b>Total</b>	<b>250,000</b>

*For any further information, kindly write to:*

**L V Prasad Eye Institute**

**Standard Chartered Academy for Eye Care Education**

**Kallam Anji Reddy Campus**

Road 2 Banjara Hills, Hyderabad 500034, Telangana, India

Telephone: +91 40 68102168

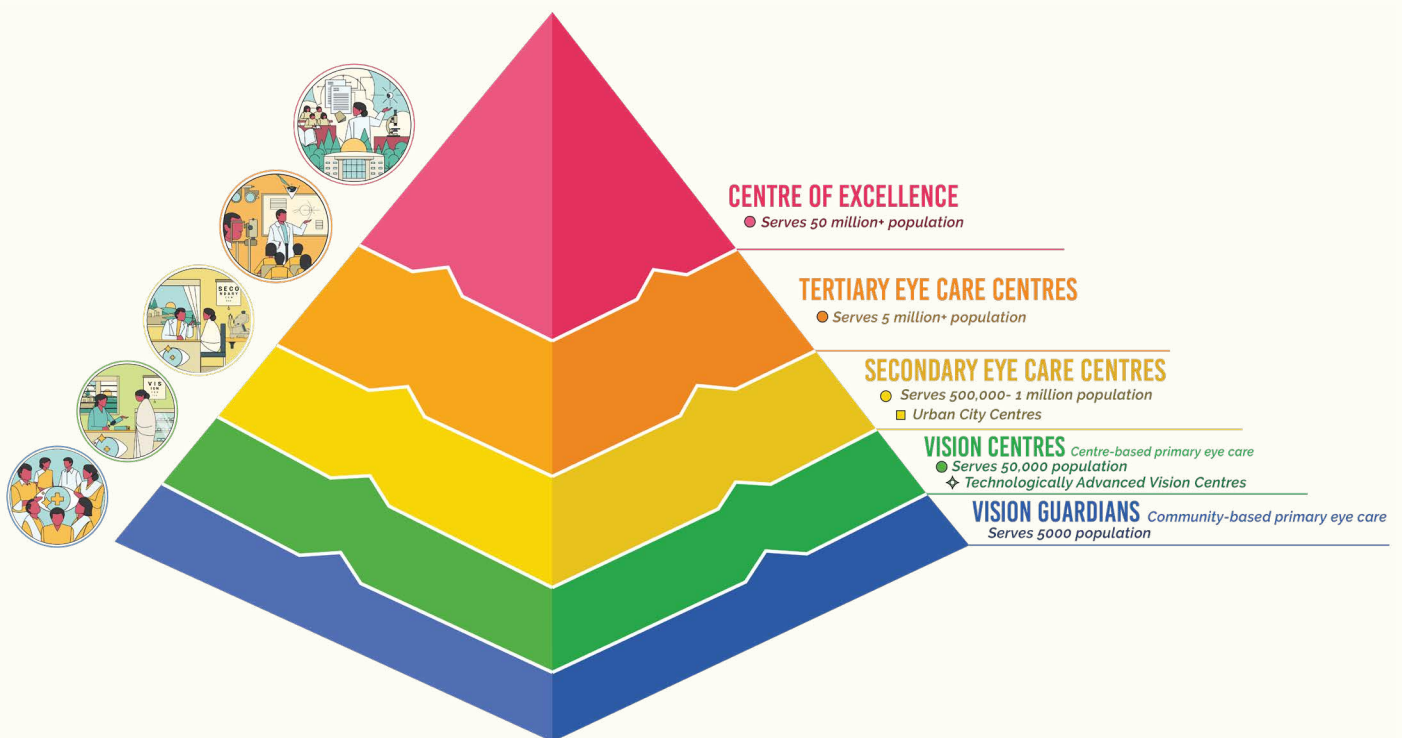
Training Program In-charge: Ms Radhika Reddy Manthri; Email: [radhika@lvpei.org](mailto:radhika@lvpei.org)

GMRV campus: Visakhapatnam  
Mr Lokesh Kasuladeva: 9396612020

MTC campus: Bhubaneswar  
Ms Sashmita Kumari: 8280117719

KVC campus: Vijayawada  
Ms Mymoon Shaik: 7386270760

# The LVPEI Eye Health Pyramid



## Vision

To create excellent and equitable eye care systems that reach all those in need.

## Mission

The mission of L V Prasad Eye Institute is to be a centre of excellence in eye care services, basic and clinical research into eye diseases and vision-threatening conditions, training, product development, and rehabilitation for those with incurable visual disability, with a focus on extending equitable and efficient eye care to underserved populations in the developing world.