LV 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.

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, 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

FELLOWSHIP IN CLINICAL OPTOMETRY

The fellowship in clinical optometry program has been designed essentially to train optometrists to refine and master their clinical and diagnostic skills. The fellowship has been designed in an all new dimension to train each fellow in a way that he/she wants. We have custom designed fellowship programs so as to provide focused training in each ophthalmology sub-speciality. The program offers four different kinds of modules such as Anterior segment, Posterior segment, Pediatric and Oculoplasty and Ocularistry modules. Each module has an exciting area where fellows can train in an exclusive as well as focused manner.
Module 1: Fellowship in Anterior Segment

Duration: 18 months

This module offers focused training in the anterior segment related diseases and their management. It comprises Comprehensive optometric eye evaluation, Cornea and Anterior segment evaluation and Contact lens fitting.

During the first 6 months of the training, a fellow will go through comprehensive training followed by sub speciality training, wherein he/she will be trained for four months each in different area of the sub speciality mentioned above.

Course outline:

Comprehensive training consists of the following elements:

- Eliciting general history
- Basic visual acuity measurements and refraction techniques
- Assessment of ocular motility and alignment
- Slit lamp techniques and pupil evaluation
- Applanation tonometry

Cornea and Anterior Segment component comprises the following areas of training:

- Eliciting case specific history and refraction techniques in complicated cases such as corneal ectasia and irregular corneas
- Clinical presentation and diagnosis of corneal and anterior segment related diseases
- Performing and interpreting the results of cornea and anterior segment related diagnostic tests and their clinical implications

Contact lens training:

- Basic contact lens fitting which includes, Patient selection, Parameter selection and verification such as lens power, base curve and diameter
- Soft contact lens fitting, RGP (rigid gas permeable) lens fitting and Soft toric contact lens fitting
- Rose K lens fitting and Kerasoft lens fitting
- Piggy back and hybrid contact lens fitting
- Prosthetic contact lens fitting
- Basics of scleral lens fitting (observation)
Module 2: Fellowship in Posterior Segment

Duration: 18 months

This model focuses on disease related to the posterior segment diseases and its optometric management. It comprises Glaucoma, Retinal disease, Diagnostic instruments operation which includes the interpretation of the results and Prescribing Low vision aids.

During the first 6 months of the training, a fellow will go through comprehensive training followed by sub speciality training, wherein he/she will be trained for three months each in different area of the sub speciality mentioned above.

Course outline:

Glaucoma component comprises,
- Case specific history taking and work-up
- Glaucoma and its local and systemic associations
- Pharmacology related to glaucoma management
- Gonioscopy and Optic disc evaluation
- Glaucoma diagnostic tests and their interpretation

Retina component comprises,
- Case specific history taking and work-up
- Basic funduscopy
- Performing and interpreting the diagnostic tests related to retinal diseases such as OCT, USG-B-Scan, ERG, VEP and fundus photography, etc.

Low vision rehabilitation component comprises,
- Identifying individuals with low vision
- Clinical assessment of low vision and functional vision
- Prescribing regimes of low vision devices
- Prescription of optical and non-optical devices
- Prescription of electronic low vision devices
- Identification of associated additional disabilities and referral patterns
- Counselling of patients with visual impairment about the usage of the low vision devices and daily living skills.
Module 3: Fellowship in Pediatric Optometry

Duration: 18 months

This speciality gives extensive training in the field of Comprehensive eye examination and Pediatric optometric management which includes working up of pediatric patients, strabismus and orthoptic evaluation.

During the first 6 months of the training, a fellow will go through comprehensive training followed by sub speciality training, as mentioned below.

Course outline:

Comprehensive training

(Refer to comprehensive training mentioned in anterior segment module)

Pediatric optometry component comprises the following elements:
• Case specific history taking in pediatric cases and strabismus cases
• Pediatric visual acuity measurements
• Pediatric refraction techniques
• Prescribing glasses in pediatric cases
• Clinical presentation and diagnosis of pediatric eye disorders
• Assessment of ocular motility and alignment disorders
• Cover – uncover test, prism bar cover test (PBCT) and HBT
• Identification and measurement of AHP (abnormal head posture)
• Assessment of nystagmus and its types
• Basics of pediatric contact lens fitting

Strabismus component comprises
• Diplopia charting and stereopsis testing
• Assessment of non-strabismic binocular vision assessment and management (orthoptics)
• Prescribing prisms for diplopia

Apart from the above, in addition to the pediatric and comprehensive training, the fellow will also be given opportunity to learn work-up, clinical presentation and management of cases related to neuro-ophthalmology.
Module 4: Fellowship in Oculoplasty and Ocularistry

**Duration:** 18 months

This module focuses on training in the areas such as ophthalmic plastics, aesthetics and ocularistry (Prosthetic) in addition to the earlier, there is also an opportunity of research in the field.

During first 6 months of the course a fellow will go through comprehensive training followed by subspeciality training, wherein, he/she will go through 4 months of ocularistry (prosthesis making) and 9 months of oculoplasty training which will also have research component based on the candidates interest.

**Course Outline:**

Comprehensive eye evaluation training is a part of this module  
Oculoplasty component comprises
- Case specific history taking  
- Evaluation of oculoplasty related cases such as eye lid abnormalities and Ocular adnexial abnormalities  
- Assessment of cases related to ocular oncology  
- Assessment of cases related to lacrimal disorders  
- Assessment of ocular trauma  
- In addition to the training in the clinical area, students are given exposure in the operation theatre as well in order to understand the cases in detail

**Research:**

- During the 1 year training, every fellow is expected to be involved in at least one research project which is eventually aimed for publication

Ocularistry training comprises
- Socket evaluation  
- Making of custom ocular prosthesis (COP)  
- Making of custom conformers, graded conformer and stem conformer  
- By the end of 4 months training in the ocularistry, the student is expected to have made minimum of 20 COPs
Module 5: Comprehensive fellowship in Optometry

**Duration:** 18 months

We also offer fellowship in Comprehensive optometry for those who are interested to strengthen their comprehensive eye evaluation skills. This program is offered at our GMRV campus at Vishakapatnam, KVC campus at Vijayawada and LVPEI Bhubaneswar Campus.

This module consists of training in the basic eye evaluation and diagnostic skills. The duration of this course is 18 months. During the tenure a fellow will be posted in various sub specialities of the field of optometry and ophthalmology. If any one who is not very well versed with the hands on training during their internship, this is the course for you.”

**Course outline:**

**Comprehensive training consists of the following elements:**

• Eliciting general history
• Basic visual acuity measurements and refraction techniques
• Assessment of ocular motility and alignment
• Slit lamp techniques and pupil evaluation
• Applanation tonometry
• Basic contact lens fitting and assessment
• Basic squint evaluation and binocular vision
• Basic training in assessment of patient with low vision
• Ocular emergencies

GMRV Campus, Vishakapatnam  
KVC Campus, Vijayawada
Course commences: March 2016

Available seats: Number of seats vary depending on the availability of training slots.

Eligibility: Candidates with four years bachelors degree in optometry are eligible for the 18 months program and those with Diploma in Optometry/Ophthalmic technology (2+1 year) for 24 months program. Candidates with Diploma will go through complete comprehensive program in the entire first year and the second year through the modules mentioned above based on the availability of slots.

Selection procedure: Selection will be based on a basic written test followed by clinical skills evaluation which includes accurate objective refraction skills. Candidates who qualify in these tests will face a personal interview on the same day. Sub-Speciality option will be offered based on the order of candidate’s interest and the availability of seats in a given module.

Applications: Please send your curriculum vitae and photocopies of graduation certificates along with your current address, telephone number and a valid e-mail id to the address given overleaf. (You can download the application format by clicking on this link: www.lvpei.org/CME/ClinicalOptometry/images/RegistrationForm.pdf)

Application process fee: Rs.1000
(Demand draft should be made on “Hyderabad Eye Institute” payable at Hyderabad, DD Should be attached along with application)

Last date of application submission: 25/12/2015

Date of examination: 08/01/2016

Accommodation and stipend: For those candidates who opt for the in-house accommodation, it will be provided at the Bausch & Lomb School of optometry campus. In-house accommodation costs Rs.1500/month which does not include the cost for the food. Candidates can also opt to make their own arrangement for stay. The fellow will be provided with a stipend of up to Rs.5000 per month.
Academy of Eye Care Education
LV Prasad Eye Institute
Kallam Anji Reddy Campus, LV Prasad Marg,
Banjara Hills, Hyderabad 500034, India
Tel: +91 40 3061 2567 / 2568
Email: pvijaya@lvpei.org  Website: www.lvpei.org