

Elite School of Optometry- Sankara Nethralaya
Pediatric Optometry Fellowship

Hospital Location	Sankara Nethralaya, 18; College Road, Chennai – 600 006
Program Coordinator	Mrs Uma Paramesh E-mail: elite@snmail.org Phone: 91-044- 2234 9269 Elite School of Optometry No 8 G S T Road, St. Thomas Mount Chennai 600016.
Number of Positions	2
Length of Program	6 months
Start Date	July 1st / January 1st
Course Fee	Rs 50,000 (Accommodation Inclusive)
Benefits	Eligible for free eye check up during the course period. (only OPD procedures)
Completion Acknowledgement	Certificate
Optometry Service	Yes
Ophthalmology Service	Yes
Prerequisites	<ul style="list-style-type: none">• BS degree in optometry or its equivalent degree in optometry (or)• Diploma in Optometry/ Refraction with minimum 2 years of clinical experience• Competitive Mark in the course previously done
Application Deadline	November 1 st

Additional Information

Mission

The Pediatric Fellowship Program is a 6 month program designed to provide intensive clinical, teaching, and research experience in binocular vision, vision training, vision correction and pediatric care (including infant vision). The Fellow will have the opportunity to work with the diverse population at pediatric clinic. Learning techniques in electrodiagnostic testing (both ERG and VEP), pediatric contact lenses, and pediatric ophthalmology are all available through this fellowship. The fellow will also be trained in clinical teaching and research and have the opportunity to take undergraduate courses. The program can be tailored to fit the interest of the fellow.

Goals and Fellows Responsibilities

1. The Fellowship program will be a six month program, and the minimum amount of time to be devoted to clinical work will be 6 days per week. This clinical work will consist primarily of clinical posting with optometrists / ophthalmologists and independent patient care. At least 85 percent of the clinical time must be in the Pediatric Service specialty, with the additional time determined in consultation with an advisor. Teaching and other requirements will fill the remainder of the week.
2. There will be two advisors to assist the fellow in activities related to the program. The advisor will act as an advocate for the fellow and will provide ongoing guidance to the fellow during the program. One advisor will be pediatric ophthalmologist and another one is pediatric optometrist.
3. The fellow will actively participate in Pediatric department weekly meetings, pediatric grand rounds and optometry grand rounds.
4. A paper of publishable quality will be written prior to and as a condition of the completion of the fellowship program. This paper can be a report of case reports, or a literature review, and will be written with the assistance of the Fellowship advisor. It is expected that this paper will be submitted to a scholarly journal for publication.
5. The fellow will spend approximately 4 days in a month (24 days overall) in school vision screening Programme. The responsibility of the fellow includes on-site supervision of undergraduate students performing clinical testing and assisting the principal in planning of the school screenings with completion of necessary

paperwork. The Administrative staff of the Elite School of Optometry will provide assistance when needed.

Questions?

Please contact Mrs. Uma Paramesh (the Pediatric Optometry Fellowship Coordinator). Elite School of Optometry, No 8, GST Road, St. Thomas Mount, Chennai 600016. Phone : 044-22349269
Email : elite@snmail.org

How to Apply for ESO – SN Pediatric Fellowship Programme?

Please write to the

ESO – SN Pediatric Fellowship programme coordinator, Elite School of Optometry, 08; GST Road, St Thomas Mount, Chennai- 600 006

stating your interest to join pediatric Fellowship at ESO – SN along with a copy of your college transcript, and degree/diploma certificate. In the case of two year diploma holders' evidence for three years of clinical experience is expected for further processing of the application. In addition send 2 letters of recommendation.

Selection committee is composed of the program coordinator, the principal of ESO, pediatric ophthalmology advisor, pediatric optometry advisor, and Director Academics and HOD optometry.

All candidates will be notified in writing whether they have been accepted or not accepted within one month of the November 1st application deadline.

Characteristics of the Programme:

- a) A journal club specific to the pediatric optometry program will be held at least four times during the programme
- b) The fellow will prepare and present lectures for the benefit of undergraduate students.
- c) The fellow also will be involved in maintaining of the logbook of the activities done during the programme period. The fellow will submit the filled logbook at the end of the third month and end of the sixth month to the pediatric advisor for comments.
- d) The fellow will also submit one interesting case report to the advisors every week.

- e) The teaching programme will include: Studying pertinent literature as advised by the advisors, attending didactic lectures and evaluation of the pediatric patients.
- f) Ongoing slide quiz and case discussion will be done in regular interval.
- g) At the end of the programme the student would have either observed and/or independently handled atleast 150 cases.
- h) List of the topics covered in the programme :
 - a. Strabismus
 - i. Anatomy and physiology , neuroanatomy
 - ii. Sensory adaptation
 - iii. Amblyopia diagnosis and treatment
 - iv. Refraction management
 - v. Esodeviations and Exodeviations
 - vi. Vertical and incomitant strabismus
 - vii. Ocular syndromes
 - viii. Interpretation of eye movement recordings
 - ix. Diagnosis and Management of Accommodative and convergence anomalies

 - b. Pediatric Optometry
 - i. Vision development in infancy and childhood
 - ii. Embryological basis of conditions relative to pediatric optometry
 - iii. Retinopathy of Prematurity
 - iv. Genetics, inborn error of metabolism and syndromes involving in the eye
 - v. Electrodiagnostic testing
 - vi. Ocular manifestations of systemic disease in children
 - vii. Vision screening
 - viii. Vision Testing multiply challenged children
 - ix. Pediatric ocular trauma
 - x. Pediatric ocular tumors
 - xi. Ultrasound, CT scan and MRI in pediatric optometry

Activity plan for six months:

Two Months: Orientation
Posting with Pediatric optometrist
Posting in Electrodiagnostic
Posting in Contact lens department
Posting in Orthoptics department
Attending Vision screening Camps
Attending Didactic lectures
Reading Assignments
Attending Pediatric Grand rounds
Attending Optometry Grand rounds

Two Months: Posting with Pediatric Ophthalmologist
Attending Vision screening Camps
Attending Didactic lectures
Reading Assignments
Attending Pediatric Grand rounds
Attending Optometry Grand rounds

Fourth to Sixth Month: Independent practice
Attending Vision screening Camps
Case discussion
Case report writing
Journal reading
Teaching Undergraduate students
Submitting of Publishable paper (case series/case report or literature search) to a journal through the advisors.