



# FELLOWSHIP IN PEDIATRIC OPTOMETRY AND ORTHOPTICS

# OBJECTIVES

- Enhance knowledge from clinical experience, interactions & Discussions and research to improve the quality of training and education in Optometry
- Explore a specialized field in depth and develop high degree of expertise to contribute to advancement of knowledge in Optometry & Ophthalmology.
- Develop teaching and presentation skills necessary to become efficient teachers utilizing state-of-the art facilities and equipments
- Build up leadership qualities in education, practice and administration
- Contribute to emerging and vitally important industry through research.



# SCOPE OF THE FELLOWSHIP

- Acquiring a fellowship in Orthoptics & Binocular Vision will offer the candidate a confident platform to;
  - Practice Optometry independently
  - Become primary eye care service provider in Eye hospitals/clinics
  - Earn key posts in academic institutions including teaching and research
  - Serve as directors or advisors of state and local vision screening programs





## ELIGIBILITY FOR ADMISSION

- Desirable BSc Optometry & Vision Science ( 4 yrs including internship of 1 year) with 70% marks from a recognized university.
- Desirable performance in the interview/ entrance exam conducted by Narayana Nethralaya.

## COURSE CO-ORDINATOR

Puja Sarbajna

## DURATION

18 Months

## ASSESSMENT

At the end of 1 year, students will have to take a written exam and a practical exam

Total no. of seats: 04

Last Date of Submission: 07-07-2022

- Date of Online Examination: 10-07-2022 (written test MCQ)
- Date of Interview: 10-07-2022 (applicants make the grade in the written test will be intimated separately over mail or Video Call)
- Date of commencement of program: 01-08-2022

# SYLLABUS

History taking

Visual acuity measurements in children

Refraction in children

Prescribing glasses in children

Strabismus: Overview and clinical types

Motor and sensory evaluation of strabismus

Diplopia and Hess charting

Prescribing prisms

Other non strabismic binocular vision anomalies in children and adults. Management of these disorders, using the VTS 4

Overview and management of amblyopia

Clinical presentation and diagnosis of common pediatric eye disorders.

Identification and measurement of abnormal head posture

Assessment of nystagmus and its types.

Retinopathy of prematurity work up

Retcam – technique

Cortical Visual Impairment

- \* History taking of CVI
- \* Assessment of CVI ( with all LEA tools)
- \* Management of CVI

Low Vision

- \* History taking of LVA
- \* Assessment of LVA
- \* Management of LVA



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