

# Short Term Training in Refraction Techniques



A course on Refraction techniques designed to utilize the full potential of paramedics



ARAVIND EYE CARE SYSTEM

## About us

*Aravind Eye Hospital that started as an eleven-bed eye clinic in 1976 has now grown to become the world's largest eye care provider. So far, over 60 million patient have been examined and over 6 million surgeries, performed. Aravind, with its mission to "eliminate needless blindness", has been able to achieve this scale with the principle of providing large volume, high quality and affordable services in a financially self-sustainable manner. Aravind's innovative eye care delivery system has been recognised as a model for other developing countries.*

## Need for the Course

The overall prevalence of blindness around the globe demands for well trained paramedical personnel. The latest developments in the field of ophthalmology in ratio with the new disease condition are the greatest challenges for the paramedics. The Aravind -SSI survey revealed that there is a strong need to provide structured training for the refraction practitioners. Aravind eye care system with its immense potential to handle and manage the training programs has become a role model. Since there is a variation in the standard of training provided elsewhere, there needs to be a focus on the enhancement of clinical and supervisory skills in refraction. The course will primarily focus on enhancing the skills of refraction practitioners, and to upgrade their knowledge and skill, and to provide customised clinical skill development.

## Objectives

The aim of this course is to help the candidates:

- In orienting themselves to comprehensive set up of a refraction unit.
- To learn the scientific and advanced techniques in refraction.
- To enhance their clinical skill in refraction
- To gain knowledge and skill which can be implemented for community eye care services.

## Teaching Methodology

- Lectures
- Observation in refraction chambers
- Hands-on training
- Group discussion, situation analysis study, seminars and case presentation
- Outreach camps
- The medium of instruction is English

## Evaluation Pattern

- Maintaining log book
- Weekly evaluation.
- Practical Examination
- VIVA VOCE
- Final Exam (Theory & Practical)

## What this course teaches for you

- Perform quality refraction and prescribe the suitable power glasses.
- Measuring the IOL power for cataract patients.
- Measuring the field of vision by manual testing methods.
- Detecting the squint eye for better possible vision.
- Screening the patient in camps for appropriate further treatment.
- Improve workflow to support cost effective eye care system.

## Who can attend

This training is designed for para –ophthalmic professionals with a desire to increase their knowledge and clinical skill along with an attitude towards planning, implementing, monitoring and evaluating activities towards carrying out the refraction practice efficiently.

## Eligibility Criteria

- Should have one year experience in Refraction
- Working knowledge in Basic English.

Admission is limited to 5 participants per batch & selection will be made on first come first basis subject to meeting the eligibility criteria.

## When to come?

- 2 months course is offered twice a year, in February and August.

## Where to stay?

### Accommodation

Accommodation can be arranged at Inspiration - Aravind international trainee's hostel. It is a comfortable and quiet place within a five minute walk of the hospital and classrooms. It offers common spaces where you can relax and chat with your classmates from all over the world. Please note down the facilities and tariff details by viewing the [inspiration webpage](#).

Food: Food will be served at Inspiration includes breakfast, lunch and dinner.

Please note: on Sundays, the mess will be closed for Lunch and Dinner. Participants are requested to have food at outside hotel. However there are good restaurants located nearby Inspiration (walkable distance).

## Where to come

The course will be held at Aravind Eye Hospital, Madurai, India. It is fully equipped with class rooms, Lab and facilities for group discussion. Madurai is well connected by air, rail and road to Chennai, Bangalore, Bombay and Trivandrum; nearby tourist attractions include Kodaikanal (a hill resort), Rameswaram (a temple town), Thekkady (a game sanctuary) and Kanyakumari (the southern most tip of India). The climate is pleasant during January and rain is rare at this time of the year. The days are generally warm & nights are comfortable.

## How to pay?

### Course Fee

For India and Nepal participants - INR 29,500/-

For Overseas participants - US \$ 738

(Inclusive of 18% GST to the course fee)

These amounts include instruments, tuition fee and teaching materials during the course.

The course fee has to be sent upon the receipt of the invoice on confirmation of your selection. India and Nepal candidates can make the payment through online or Demand Draft in favour of Aravind Eye Hospital payable at Madurai. Overseas candidates can pay through wire transfer; the details will be given in the invoice.

## How to apply

Applicants are requested to submit the [online application](#) and [nomination form](#).

In case of difficulty in downloading the form, you can contact the course coordinator to get the forms by mail.

## Contact

Training Coordinator

Aravind Eye Hospital

1, Anna Nagar, Madurai - 625 020

Phone: 0452 - 4356100; Fax: 0452 - 2530984

E-mail : [ZYj\\_Xi^dc5Vg/k^cY#dg\](mailto:ZYj_Xi^dc5Vg/k^cY#dg\)