

# Online Course on Ophthalmic Instruments Maintenance

This online course has been designed for technicians working and caring for ophthalmic equipment.

This course will help learners attain self confidence in handling any ophthalmic instrument. It will equip learners to maintain these equipment in order to reduce down time.

The course faculty are experienced biomedical engineers with several decades of experience in ophthalmic equipment maintenance and training.

## **Course Content**

This course will cover all aspects of ophthalmic equipment care and maintenance of common ophthalmic equipment. This course is covers the following equipment:

- Slit lamp
- Streak Retinoscope
- Direct ophthalmoscope
- Indirect ophthalmoscope
- Operating Microscope

## **For each instrument – the course will cover**

- The use of each instrument
- Working of each part of the equipment
- Tips for proper usage and storage of the equipment
- Basic preventive maintenance techniques for an instrument
- Cleaning materials and necessary spares for each equipment
- Troubleshooting common problems

## **A step-by-step introduction to the process of instrument maintenance:**

- Importance of instrument maintenance
- Understanding the instrument
- Basic care and maintenance
- Trouble shooting techniques
- Exercise activities
- Discussion with the trainees
- Assessment

## **This course is for**

This course is meant for staff of eye care organisations – including biomedical engineers, ophthalmic technicians, electricians or anyone interested in learning about maintaining ophthalmic equipment. As this course will be offered in English, participants are required to be conversant in English.

## **Course Design**

This course will be delivered online. Participants are expected to take self-paced learning videos and attend quizzes. They will also hear from experienced biomedical engineers.

## **Course Fee**

For Indian and Nepal Candidates - INR 11,800  
For International Candidates - USD 295  
fees are Inclusive of 18% GST

[Visit course page](#)

[Apply now](#)

## **Contact details**

### **Prof N Manickam**

Consultant  
Biomedical Engineering Dept  
Email: [manickam@aravind.org](mailto:manickam@aravind.org)

### **Ms N Kasthuri**

Biomedical Engineer  
Biomedical Engineering Dept  
Email: [instrumenttraining@aravind.org](mailto:instrumenttraining@aravind.org)

**Comprehensive instrument maintenance course (in person) is also offered at Aravind Eye Hospital, Madurai.**

[click here to know more details](#)

