



# Susrut Eye Foundation & Research Centre

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## **Certificate in Ophthalmic Care Objective:**

- To learn about ocular diseases and their causes. ☐ To assist ophthalmic surgical procedures.
- To provide patient care pre and post operatively in ophthalmic hospitals.
- To act as a primary and secondary resource to patients, care takers and health care professionals in community health centers.

## **Curriculum Details:**

Certificate in Ophthalmic Care Program will train a person who works with an ophthalmologist (eye doctor) to provide cares the patients. He/she performs many different eye related clinical and non - clinical functions. This training will help ophthalmologists care for patients by taking histories, performing various procedures and tests, and preparing patients to see the doctor. Their work provides the ophthalmologist with important information to help diagnose and treat patients. Training candidate will be given basic computer training, basic eye care software training and communicative skills. Ophthalmic Care certificate program is a six months duration programme. More emphasis are on hands-on learning combined with more advanced principles needed to perform.

<b>Program Name</b>	Certificate in Ophthalmic Care
<b>Code</b>	COC
<b>Educational Qualification</b>	Class XII Pass (18 years above) any stream
<b>Course Duration</b>	06 (six) Months
<b>Course Fees</b>	10000/- (Ten Thousands)
<b>Admission Frequency</b>	Annually 2 times
<b>Number of Seats</b>	20 per Batch
<b>Training Centre</b>	Susrut Eye Foundation & Research Centre, (Salt Lake & Berhampore)
<b>Hours of Training</b>	<ul style="list-style-type: none"><li>• <u>Class Room Training</u>: first month One(01) Hours per day for Theoretical Classes. Eight (08) hours Observation per day.</li><li>• Practical Classes five (05) months – Eight (08) hours Hands-On Training , One(01) Hours per day for Theoretical Classes.</li></ul> <u>Field Based Training/ On Job Training</u> : (OPD,IPD, OT and Outreach camps).
<b>Training Modality</b>	<input type="checkbox"/> Theory & Practical

<b>Course Module - 1</b>  <b>Theoretical - Basic</b>	<ul style="list-style-type: none"> <li>• <b>1. Introduction to Ophthalmic Practice</b></li> <li>• a) The Role of the COC</li> <li>• b) Basic Eye Anatomy</li> <li>• <b>2. Basic Testing Procedures</b></li> <li>• a) History Taking</li> <li>• b) Observations and Common Anomalies</li> <li>• c) Visual Acuity</li> <li>• d) Slit Lamp, Tonometry &amp; Pachymetry</li> <li>• e) Pupil Assessment &amp; Dilation *</li> <li>• <b>3. Common Eye Disorders</b></li> <li>• a) Cataract</li> <li>• b) Glaucoma</li> <li>• c) Age-related Macular Degeneration</li> <li>• d) Flashes &amp; Floaters, Posterior Vitreous Detachment and Retinal Detachment e) Diabetic Retinopathy</li> <li>• <b>4. Specialised Testing Procedure</b></li> <li>• a) Visual Field Testing</li> <li>• b) Optical Coherence Tomography</li> <li>• c) A-Scan (does not include procedure for contact A-Scan)</li> <li>• d) Retinal Photography and Fundus Fluorescein Angiography</li> <li>• <b>5. Clinical Skills</b></li> <li>• a) Triage Patient Priority</li> <li>• b) Common Eye Drops</li> <li>• c) Infection Control</li> <li>• d) Patient Examination Protocol</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>6. Non- Clinical Skills</b></li> <li>• a) Effective Communication</li> <li>• b) Basic Computer Knowledge</li> <li>• c) Patient Management &amp; Counseling</li> <li>• <b>Evaluation (Assessment)</b></li> </ul>
<b>Course module - 3</b>  <b>Hands on training</b>	<u>Clinical hands on training in OR on:</u> <ul style="list-style-type: none"> <li>a) Scrubbing</li> <li>b) Gowning and gloving</li> <li>c) Prepping</li> <li>d) Creating and maintaining a sterile field</li> <li>e) Sterilization room (Cleaning of instruments, ophthalmic sets, sterilization process) f) Passing of instruments</li> <li>g) Setting up the OR for different ophthalmic procedures</li> <li>h) Floor nurse (supplies, consumables)</li> <li>i) Infection control measures</li> </ul>

	<u>Clinical hands on training</u> <ul style="list-style-type: none"> <li>a) • Computers in ophthalmic practice</li> <li>b) • Special ophthalmologic applications</li> <li>c) • Role of assistants in eye care</li> <li>d) • Allied health personnel in ophthalmology</li> <li>e) • Clinical Roles for Ophthalmic Medical Personnel</li> <li>f) • Education of Ophthalmic Medical Personnel</li> </ul>
	<input type="checkbox"/> <b>Assessment</b>

Course Highlights	
Course module - 3 Highlights	<input type="checkbox"/> Wide clinical / academic exposure  <input type="checkbox"/> Hands on practice  <input type="checkbox"/> After Completion Certificate
Assessment	<input type="checkbox"/> Assessment (Written & Viva ) <input type="checkbox"/> Assessment (Written , Internal evaluation & Viva)

#### Equipments for Practical Training:

##### ☐ Equipment Required:

Trial Lens Set, Vision drum, Retinoscope, Distance And Near Visual Acuity Chart, Manual and automatic Lensometer, Autorefractometer, Slitlamp, 20d Lense, Hand Held Slitlamp, Pulse Oximeter, Bp-Digital& Manual, Child Bp, Stethoscope, Microscope (Leica M220), Microscope Opmi 1fr, Slitlamp+AT, Gonioscope 4 Mirror , Slitlamp+AT, AP Machine, Computer

##### ☐ Class Room equipped with following arrangements:

- Interactive lectures & Discussion
- Brain Storming
- Charts & Models
- Activity
- Video presentation

##### ☐ Skill Laboratory equipped with following arrangements:

- Unique equipment as enlisted above
- Practical Demonstration of various functions
- Case study
- Project assignment

- Classroom Requirement: **2 nos. per centre**
- Class Room Size: **minimum 250 sq. ft** Accommodate: **20 students per batch**
- Refraction Laboratory Requirement: **2 nos. per centre**
- Refraction Laboratory Size: **minimum 100 sq. ft** Accommodation at a time: **minimum 10 candidates**
- Edging Laboratory Requirement: **1-2 no. per centre**
- Edging Laboratory Size: **minimum 100 sq. ft** Accommodation at a time: **minimum 30 candidates**
- Out Patient Department, Inpatient department and Operation Theatre

**Faculty constitutes of:**

1. Dr. Ratish Chandra Paul (Sr. Ophthalmologist)  
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