



DIPLOMA

IN

OPHTHALMIC TECHNOLOGY COURSE

Approved by Govt. of Karnataka

Vide their Order No. ಅ ಕೆ ಕೆ 33MME 2007 Bangalore Dated :09-08-2007

Registered under Para Medical Board, Director of Medical Education, Bangalore



PROSPECTUS

GEF INSTITUTE OF OPTOMETRY

GEF EYE HOSPITAL

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CONTENTS

	Page No.
1) About Ourselves	1
2) Diploma in Ophthalmic Technicians Course	2
3) Duties of Ophthalmic Assistants	4
4) Responsibilities	5
5) Fee Structure	6
6) Rules Relating to Discipline	6
7) Syllabus - First year	7
8) Syllabus-Second year	10
9) Scheme of Examination	10

ABOUT OURSELVES

GEF EYE HOSPITAL

GEF Eye Hospital is a busy Hospital, which attends to about 100 outpatients daily and performs over 500 operations per month. The Hospital is located in Hoskote (Bangalore Rural) on Old Madras Road, The newly built Hospital has spacious OPD, OT and Wards. It has the library, classroom and canteen. In addition to the general ophthalmic service, hospital runs specialty clinics in Retina and Glaucoma.

Under Community Ophthalmology rural Eye camps are conducted regularly. School children screening and health education programs are organised.

The Hospital runs fellowship program in Gen. Ophthalmology and training in SICS and Phaco.

GEF

MISSION STATEMENT

- To take the best of eye care service to the poorest of the people anywhere in the globe.
- To provide quality eye care at affordable cost to the citizens irrespective of their caste, religion or country.
- To upgrade the service to match contemporary practices through equipment improvisation & research.
- To train ophthalmologists & ophthalmic staff through training programme fellowships, degree & diploma courses.

DIPLOMA IN OPHTHALMIC TECHNOLOGY COURSE

The objective of this course is to train people to give primary eye care in rural, semi-urban & urban areas and to participate in the National programme of visual impairment and control of blindness. The technician should be able to dispense glasses & contact lenses and make appropriate referrals to the ophthalmologist as needed.

ELIGIBILITY FOR ADMISSION: A pass in S.S.L.C OR PUC II or equivalent examination with a minimum of 40% marks in optional subjects in PCB.

DURATION OF THE COURSE Three years for SSLC pass candidates & two years for PUC pass candidates starting from November every year.

OBJECTIVES

1. To train self employed ophthalmic technicians
2. To train assistants for ophthalmic surgeons to assist in their clinics & O.T.
3. To train people for managing optical & to fit contact lenses.
4. Their training will make them eligible for government and semi-government institutions.

ACADEMIC SESSION

The course commences in 1st week of November. This is a fulltime course. The duration of the course is for 3 years for SSLC pass candidates & 2 years for PUC pass candidate from the date of commencement of the course.

Every student shall maintain a regular record of practical classes attended for each subject.

Internal assessment will be conducted at least twice a year & the marks averaging the two assessments shall be submitted to the board well before the commencement of the board exam.

There shall be exams conducted at the end of each academic year conducted by the paramedical board.

75% attendance is mandatory for taking up the examination (both in theory & practical separately), otherwise the candidate will not be permitted to appear for the exam.

INFRASTRUCTURE AND FACILITIES

- a) This course must be run only in ophthalmic hospital dealing with all types of cases.
- b) A lab/ ophthalmic unit having all the equipments & instruments to deal with all ophthalmic cases
- c) A library containing adequate number of textbooks & reference books of latest edition pertaining to the concerned subjects.

TEACHING PERSONNEL

- a) Medical director
- b) Senior consultants
- c) Junior consultants
- d) Qualified ophthalmic assistants
- e) All the medical subjects are taught by the faculty members of the hospital
- f) Nonmedical subjects (PCBE) will be taught by the lecturers of Science College.

FACULTY MEMBERS

INTERNAL:

- a) Medical Director
- b) Sr.Consultants
- c) Jr.Consultants
- d) Senior optometrist/ refractionist
- e) Senior OT staff nurse
- f) Other faculty members

EXTERNAL

- a) P.M.O.A. Training specialist
- b) D.P.M
- c) Community medicine
- d) Health educator
- e) Vocational training expert

The student should maintain 2 logbooks & dress code

DUTIES OF OPHTHALMIC ASSISTANTS

The student at the end of the training shall be able to

- Impart health education regarding Ophthalmic Disorders,
- Render assistance to Ophthalmologists / Doctors in Eye Institutions District hospitals.
- Assist in the estimation and treatment of Errors Refraction and Common Disorders of Ocular motility.
- Perform common ophthalmic diagnostic procedures.

AT THE END OF THE COURSE HE/ SHE SHOULD HAVE BEEN WELL TRAINED IN

- : O.P. & MINOR O.T
- : VISION TESTING
- : IOP-SCHIOTZ & STERILIZATION
- : LACRIMAL MASSAGING AND SYRINGING
- : IRRIGATION OF THE EYE
- : STAINING
- : BANDAGING OF EYE
- : REMOVAL OF CONJ FB
- : CLIPPING OF LASHES
- : PT COUNSELLING & PT EDUCATION (drops, O.P. procedure)
- : SUB CONJ. INJ,
- : IDENTIFICATION OF COMMON EYE DISEASES
- : HELPING DOCTORS FOR S/L EXAM
- : INSTRUMENT MAINTAINANCE

REFRACTION: SETTING UP OF THE ROOM

- : TRIAL SET MAINTAINANCE
- : DRUG ADMINISTRATION
- : C.V. ASSESSMENT
- : COVER TEST
- : STEPS OF REFRACTING
- : A SCAN, KERATOMETRY
- : C.L. FITTING

WARDS

- : BED MAKING
- : INDENTING DRUGS FROM THE WARDS
- : MAINTAINANCE OF RECORDS, DISCHARGE CARDS.

- : PRE OP& POST OP COUNSELLING
- : SETTING UP FOR I.V.
- : GENERAL NURSING (ASSIST)
- : PULSE, B.P., TEMP, CHARTING
- : HISTORY TAKING
- : PRE-OP PREPARATION
- : BANDAGING OF THE EYE
- : DRUG DELIVERY AT THE DISCRETION OF DOCTOR.

- THEATRE
- : BLOCK ROOM- BLOCKING
 - : CLEANING INSTRUMENT, O.T. CLEANING, FUMIGATION, SET PACKING, STERILIZATION OF INSTRUMENTS.
 - : MAINTAINANCE OF O.T. MICROSCOPE, O.T.TABLE, TROLLEY,
 - : SETTING UP TROLLEY
 - : GOWNING AND GLOVING
 - : DRESSING AFTER SURGERY
 - : SHIFTING PATIENT TO AND FROM O.T.
 - : STARTING IV MANNITOL (UNDER SUPERVISION)

RESPONSIBILITIES

The responsibilities of an Ophthalmic Technician will include mainly (under supervision)

1. Taking case history
2. Testing visual acuity and errors of refraction
3. Applying dressing after surgery or injury
4. Charting visual fields.
5. Instilling, eye drops and medications.
6. Measuring lens power
7. Sterilizing, caring for instrument and trays..
8. Testing colour vision.
9. Instructing patient about contact lens wear.
10. Testing ocular motility disorders including stereopsis and binocular vision.
11. Performing tonometry and topography
12. Making appointments, receiving patients and performing general secretarial functions.
13. Maintenance of Ophthalmic equipments.

FEE STRUCTURE

ADMISSION FEE AND COURSE FEE: The fee is Rs. 45,000 per annum to be paid at one time at the time of admission.

SECURITY DEPOSIT: The selected candidate has to pay a security deposit of Rs.2000 at the time of admission, which is refundable after the completion of the course.

NOTE: If the selected candidate does not join the course within seven days from the date of notification of selection the admission automatically gets cancelled.

RULES RELATING TO DISCIPLINE

- 1) All students of ophthalmic technicians course shall wear the prescribed apron coats during the hospital & teaching hours. Badge given by the GEF hospital shall be worn / displayed.
- 2) Must follow the postings as per the roaster & must attend all classes throughout the course.
- 3) Must attend special duties in the wards, operation theatre, opd, by rotation as per the duty roaster, which will be notified by the medical director from time to time.
- 4) Punctuality in attending to all the activities connected with this course is mandatory.
- 5) Attendance will be taken & a record will be maintained.
- 6) Application for leave must be submitted to the medical director well in advance & the applicant should avail leave only after the leave is sanctioned except in special emergency circumstances.
- 7) When a student absents himself/ herself for one month continuously without information, his/ her name will be struck off from the roll automatically.
- 8) No student shall be allowed to leave the classroom without the permission of the teacher till the class is dispersed.
- 9) All students will record their local & permanent residential addresses in the office of the Director & change in address if any, shall be immediately intimated through the parents /guardian.
- 10) Students should not loiter in the premises & bring their friends to the center.
- 11) No association / Society can be formed in the center without the permission of the managing trustee.
- 12) Student must not take part in any public agitations or demonstrations.
- 13) No student should communicate any information or write about matters dealing with center's administration or functioning to the press or any other media or company, without the permission of the Director.
- 14) No games of any sort to be played during the hours allotted for lectures/ practical and ward posting etc.
- 15) Infringement of rules & regulations, breach of discipline, willful damage to the center's property, misconduct or disobeying the legitimate orders of the teachers / Director by a student may make him/ her liable for strict disciplinary action. The Student may be rusticated for one year or placed under supervision until further action on disciplinary grounds.
- 16) Students will be allowed leave at the rate of one week per year.