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**Venu Eye Institute & Research Centre**  
Over 35 years of Excellence in Eye Care



**qualityaustria**  
**SYSTEM CERTIFIED**  
ISO 9001:2008 No.10271/0

## **PROSPECTUS : 2017**

*(A Brief information of Teaching & Training programmes)*



## **Department of Education**

Medical Teaching & Training Programmes  
Paramedical Teaching & Training Programmes  
Observerships

## **Venu Eye Institute & Research Centre**

Press Enclave Marg, Sheikh Sarai Institutional Area Phase-2,  
New Delhi – 110017

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**Prospectus Revised on**

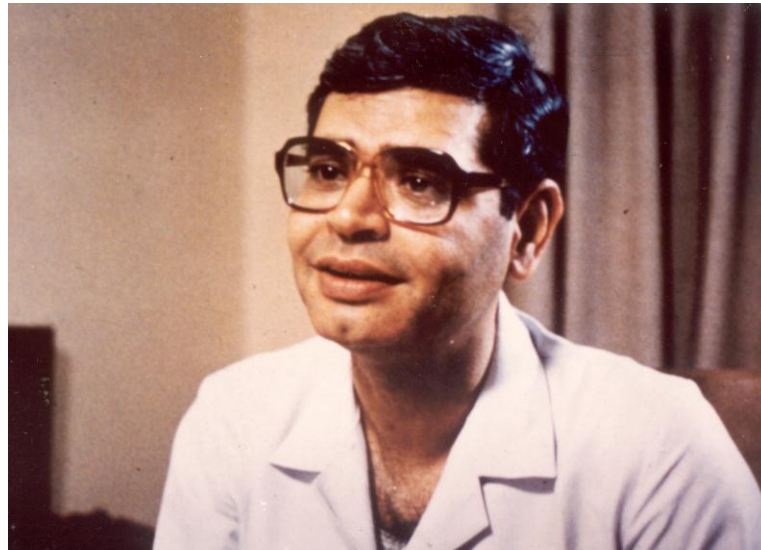
**10<sup>th</sup> January 2017**

**Dr. Wangchuk Doma**  
**In charge Teaching & Training**  
**VEIRC, New Delhi**

**Dr. Abhishek Dagar**  
**Joint Director &**  
**Medical Superintendent**  
**VEIRC, New Delhi**

**Dr. S.C. Gupta**  
**Medical Director**  
**VEIRC, New Delhi**

**Late Dr. R. K. SETH- VENU's FOUNDER DIRECTOR**



The late Dr. R. K. Seth, Founder Director of Venu, dedicated his life to the service of humanity, especially the visually afflicted. Often referred to as a dreamer, Dr. Seth is today acknowledged as a great visionary, one of the pioneers of community eye care in North India, who created an institution with a difference.

Dr. R. K. Seth, born on 2<sup>nd</sup> October 1939, graduated from Amritsar Medical College and completed his post-graduation in ophthalmology from Maulana Azad Medical College, Delhi, in 1966. He practised as an ophthalmologist for many years. He then decided to give up his quest for name, fame and wealth and use his considerable skills as an eye surgeon to bring modern eye care to those who could not access it, regardless of their ability to pay.

Venu Charitable Society was established by Dr. Seth with the help of few like-minded people in 1980. Venu Eye Institute & Research Centre is providing quality eye care in and around Delhi since then. Dr. Seth organized the 3-Tier eye care network, to bring the advantages of sophisticated ophthalmology within the reach of the common man. Before his death on 29<sup>th</sup> Jan. 1996, Dr. Seth gave his team the roadmap to VENU's further development and growth.

Venu was his dream and his mission. It is now our effort to sustain, expand and improve this mission of serving the underprivileged with the best that modern eye care can offer.

## **Venu Eye Institute & Research Centre**

Venu Charitable Society is a not for profit, voluntary organization engaged in providing curative, preventive and rehabilitative eye care in and around Delhi for 30 years. Founded by Late Dr. R.K. Seth, Venu Charitable Society's mandate is to take eye care to the needy at their doorstep, the majority of whom live below the poverty line in the urban slums and in the rural areas of India through a three-tier eye care network.

The network comprises of 5 vision centers, 3 surgical centers and 5 secondary level satellite hospitals. Venu Eye Institute & Research Centre, New Delhi Institute & Research Centre, a unit of Venu Charitable Society, is a modern, state-of-the art hospital located in New Delhi. It is the tertiary level of the organization. The Institute's thrust areas are:

- Comprehensive Eye Care
- Education and Training
- Clinical Research
- Community Ophthalmology
- Rehabilitative Services
- Teleophthalmology
- Vision Centers

### **CLINICAL SERVICES**

#### **Cataract**

Small Incision Cataract Surgery  
Customized IOLs  
Phacoemulsification  
Yag Capsulotomy

#### **Cornea**

Corneal Transplantation  
Infections and Ulcers  
Phakic Intra Ocular Lenses

#### **Glaucoma**

Advance filtering Surgery  
Congenital Glaucoma Surgery  
Glaucoma Drainage Devices  
Laser Procedures

#### **Vitreo- Retina**

Vitreo -Retinal Surgeries  
Vitreous Surgery  
Diabetic Retinopathy  
Paediatric Retina  
Laser Procedures

**Diagnostics**

Humphrey Field Analyser  
Optical Coherence Tomography (OCT)  
Fundus Fluroechein Angiography  
Ultrasonography

**Children's Eye Care**

Examination under Anesthesia  
Retinopathy of Prematurity  
Paediatric Cataract  
Paediatric Glaucoma

**Uveitis & Ocular Immunology****Ophthalmic Plastic Surgery, Orbit & Ocular Oncology****Ocular Prosthesis/Artificial Eyes****Strabismus****Contact Lenses****Low Vision****Vision Rehabilitation****General Physician Services****Teaching Facilities**

State of the art classrooms  
Audio visual systems  
Individual computers with Broad Band Internet facility  
Well equipped library (books, slides, audio-visual tapes & C.D. ROMs) (Wi- Fi)  
State of the art Teaching & Training – Operation Theatres & wet labs  
Well organized outreach-camps  
General OPD and Speciality Clinics / Physician / Anaesthetist

**Hostel & Mess Facility**

Non-A.C. accommodation on share basis & mess (on campus mess) may be provided to the candidates on payment as per rules & availability.

## Courses Available

### ***A. Medical Teaching Programmes***

1. DNB (Primary) – 3 yrs
2. DNB (Tutor) – 2 yrs

### ***B. Medical Training Programmes***

#### **I. Long term**

- a. Intensive IOL Fellowship – 1 ½ yrs
- b. Oculoplasty – 2 yrs
- c. Glaucoma- 2 yrs
- d. Vitreo- Retina Fellowship- 2 ½ Yrs
- e. Comprehensive Ophthalmology Fellowship – 2 yrs
- f. Cornea & Refractive Surgery Fellowship- 2 yrs

#### **II. Short term**

- a. ECCE with IOL Implantation -1 month
- b. Small Incision Cataract Surgery – 1 month
- c. Phacoemulsification – 1 month
- d. Advanced Phacoemulsification – 1 Month / 2 weeks
- e. Medical Glaucoma – 2 month
- f. Medical Retina – 2 months

### ***C. Paramedical Teaching Programmes***

1. Fellowship in Optometry – 1 year / 2 years
2. Optometry Internship-1 year

### ***D. Workshop ( periodical)***

1. Low Vision – 3 days
2. Contact Lens – 3 days

### ***E. Paramedical Training Programmes***

1. Eye Bank Technician – 3 months
2. Eye Donation Counsellor – 1 month
3. Refresher course in Optometry / Orthoptics – 15 days

### **3. Instrument Maintenance – 6 weeks**

#### ***F. Observerships***

1. Eye Bank Observership for senior cadres / medical director / programme managers – 1 week
2. Eye Bank Observership for Eye Bank Managers – 1 week

#### **G. Customized / Tailor made Courses**

1. Foreign graduate observation programmes – 1 week / 1 month

*Medical  
Teaching Programmes*



## Diplomat of National Board (DNB) – Primary

Eligibility	MBBS & Primary / CET Cleared
Selection	As per NBE Guidelines
Seats	3
Session	July or As per seat allocated by NBE
Duration	3 years (full time)
Fee	70,000 per year
Stipend	21,000/- per month + Free Mess + Shared accommodation

### Faculty

- In house Consultants, Medical Officers, Senior Residents and Tutors
- Visiting consultants
- Guest faculty

### Clinical Training Profile

Training in OPD / Special clinics/ /Wards/Operation theatre / Outreach clinics / Surgical camps

DNB 1 <sup>st</sup> Year	DNB 2 <sup>nd</sup> Year	DNB 3 <sup>rd</sup> Year
1. Orientation- nonclinical 2. Outreach / Camps / Satellites 3. OPD (Pvt. / Sub. OPD)& IPD 4. Diagnostics 5. Refraction 6. Sub. OPD 7. Ward 8. Outreach 9. Revision Refraction 10. Revision Diagnostics 11. Subspecialty Orientation 12. Subspecialty Orientation	Sub. OPD           VR/PO Glaucoma / Cornea	PVT OPD           VR Paeds /Strabismus

- 1<sup>st</sup> 3 months no actual independent OPD work - Vision / Retinoscopy / Refraction / OT Observation
- 3<sup>rd</sup> to 6<sup>th</sup> month- OT Assist / Sub OPD
- 1<sup>st</sup> year-2<sup>nd</sup> half-Maximise use as assistant in ward /outreach/night duties
- 2<sup>nd</sup> year-1<sup>st</sup> half-independent Sub OPD but does not dispose cases / Surgical training
- 2<sup>nd</sup> year-2<sup>nd</sup> half-may dispose Sub. OPD cases /Private OPD Begin/ independent ward & night duties / Sub specialties posting
- 3<sup>rd</sup> year-1<sup>st</sup> half-independent work in Sub. OPD/ Pvt OPD & begin ward/night duties
- 3<sup>rd</sup> year-2<sup>nd</sup> half –no outreach postings.

### Academic Schedule/ Course content

- Seminars /Journal clubs / Case presentation/Group discussion/ Quiz every twice a month.
- CMEs & Didactic lectures by the faculty.

- Conferences: exposure & participation in state/national level Ophthalmology conferences
- Publications: In house, National & International Ophthalmology journals.
- Thesis : as per NBE Guidelines

### **Surgical Exposure**

- ECCE training at 7<sup>th</sup> month
- ECCE evaluation at end of 1<sup>st</sup> year
- SICS training at 13<sup>th</sup> month
- SICS evaluation at end of 2<sup>nd</sup> year
- Phaco training at 25<sup>th</sup> month
- Sub specialty surgical exposure as per OT posting  
**\*If the candidate does not clear evaluation, he/she would be reevaluated next month**

### **Hospital Postings (OPD)**

- a) Outreach screening/diagnostic camps (including postings on Sundays & holidays)
- b) The DNB Residents will be posted along with other resident doctors on night duties & ward duties (including postings on Sundays & holidays).
- c) The DNB Residents will be posted along with other resident doctors on eye donation call duties (including postings on Sundays & holidays).
- d) Satellite hospital postings - need & capacity based.

### **Evaluation & Appraisal**

Regular academic & clinical skills evaluations & appraisals will be conducted to monitor the candidates' progress. The candidate will be required to appear for the periodic academic & clinical assessment programs as laid down according to NBE Guidelines.

### **Leave rules**

- 1 Casual Leave/ Month
- The candidate will not be eligible to compensatory leave in lieu of work done on Sunday or holiday.

### **Academic leaves**

- As per the guidelines issued by the National Board of Examinations

## Diplomat of National Board (DNB) – Tutor

Eligibility	DOMS
Selection	As per NBE Guidelines
Seats	3
Session	July or as per seat allocated by NBE
Duration	2 years (full time)
Fee	70,000 per year
Stipend	22,000/- per month + Free Mess + Shared accommodation

### Faculty

- In house Consultants, Medical Officers, Senior Residents
- Visiting consultants
- Guest faculty

### Clinical Training Profile

Training in OPD / Special clinics/ /Wards/Operation theatre / Outreach clinics / Surgical camps

### Academic Schedule/ Course content

- Seminars /Journal clubs / Case presentation/Group discussion/ Quiz every twice a month
- CMEs & Didactic lectures by the faculty.
- Conferences: exposure & participation in state/national level Ophthalmology conferences
- Publications: In in-house, National & International Ophthalmology journals.
- Thesis : as per NBE Guidelines

### Surgical Exposure

- Fast tracked approach with immediate start of surgeries
  - ECCE competency evaluated in 1<sup>st</sup> 3 months
  - If proven ECCE competent step up to SICS training in 3 months
  - (Otherwise 6 months ECCE- then step up to MSICS)
  - Upgradation to Phaco starts in 2<sup>nd</sup> year of tenure subject to competency & evaluation
  - Sub specialty surgical exposure as per OT posting
- \*If the candidate does not clear evaluation, he/she would be reevaluated next month**

### Hospital Postings (OPD)

- a) Outreach screening/diagnostic camps (including postings on Sundays & holidays)
- b) The Tutor will be posted along with other resident doctors on night duties & ward duties (including postings on Sundays & holidays).
- c) The Tutor will be posted along with other resident doctors on eye

- donation call duties (including postings on Sundays & holidays).
- d) Satellite hospital postings - need & capacity based.

### **Evaluation & Appraisal**

Regular academic & clinical skills evaluations & appraisals will be conducted to monitor the candidates' progress. The candidate will be required to appear for the periodic academic & clinical assessment programs as laid down by NBE Guidelines.

### **Leave rules**

- 1 Casual Leave/ Month
- The candidate will not be eligible to compensatory leave in lieu of work done on Sunday or holiday.

### **Academic leaves**

- As per the guidelines issued by the National Board of Examinations

***MEDICAL  
TRAINING PROGRAMMES  
  
LONG TERM***

## **Development of course (Input and Planning)**

### **For Intensive IOL Fellowship**

Eligibility	MS/DNB/DOMS
Selection	Interview / Three days observation prior to full time fellowship programme, selection will be done based on performance
Seats	6
Session	Every year
Duration	18 months (full time)
Fee	Nil
Stipend	1 <sup>st</sup> Year – Rs. 22,000 / per month, 2 <sup>nd</sup> Year – Rs. 25,000/ per month, Free mess + shared accommodation*
Leave rules	1 Casual Leave/ Month

\* Subject to availability

#### **Aim of the Training:**

There is an urgent need for a focused Cataract surgery training course. The VEIRC provides an appropriate mix of General & Sub-specialty training in Ophthalmology, which will be added as limited rotation postings to this course thus providing an added advantage.

#### **Academic schedule-**

- a) Seminars /Journal clubs / Case presentations/Group discussions & Quiz twice a month.
- b) CMEs & Didactic lectures by the faculty.
- c) Cataract-centric classes by Cataract Unit ( at present can be integrated with classes for cataract surgery trainees)
- d) Exposure and participation in national/international Ophthalmology Conferences
- e) Publications: in In-house, National & International Ophthalmology journals.

***One Research topic for dissertation & an aim for one paper presentation at a conference is mandatory.***

#### **Faculty**

- In house Consultants, Medical Officers, Senior Residents and Tutors
- Visiting consultants
- Guest faculty

#### **Hospital Postings (OPD)-**

- 1) Outreach screening/diagnostic camps (including postings on Sundays & holidays)
- 2) The Fellow will be posted along with other resident doctors on night duties & ward duties (including postings on Sundays & holidays).

- 3) The Fellow will be posted along with other resident doctors on eye donation call duties (including postings on Sundays & holidays).
- 4) Satellite hospital postings 3-6 months / need & capacity based.

### **Surgical Exposure**

The fellow's surgical training will be under the direct supervision of the Cataract unit/department, which will schedule a supervisor consultant for the course, who will in turn ensure monitoring of the surgical skills and subsequent up gradation of the fellow.

Hands on surgical training will be conducted as follows, in 3 phases of 6 months each:

#### **1<sup>st</sup> phase:**

- |  |                         |
|--|-------------------------|
| 1 <sup>st</sup> month  | - Wet Lab / observation |
| 2 <sup>nd</sup> month  | - ECCE training         |
| 3 <sup>rd</sup> to 5 <sup>th</sup> months                      | - ECCE                  |
| 3 <sup>rd</sup> /4 <sup>th</sup> week of 5 <sup>th</sup> month | - ECCE evaluation       |

#### **2<sup>nd</sup> phase:**

- |   |                   |
|---|-------------------|
| 6 <sup>th</sup> month   | - SICS training   |
| 7 <sup>th</sup> to 11 <sup>th</sup> months                      | - SICS/ ECCE      |
| 3 <sup>rd</sup> /4 <sup>th</sup> week of 11 <sup>th</sup> month | - SICS evaluation |

#### **3<sup>rd</sup> phase:**

- |   |                   |
|---|-------------------|
| 12 <sup>th</sup> month                      | - Phaco training  |
| 13 <sup>th</sup> to 18 <sup>th</sup> months | - Phaco/SICS/ECCE |

***All the above skill upgradation will be considered only on the basis of Evaluator's recommendation***

To ensure a steady number of surgical cases for training the fellow will be posted to the OT at least once in a week at the base, in case of outreach postings away from the base hospital will be posted at least 2-3 times a week.

It will be the responsibility of the supervisor & in turn the Cataract department to ensure a minimum quantity of surgical training as well as to set a minimum standard in the quality by ensuring constant monitoring & evaluation.

### **Evaluation & Appraisal**

Regular academic & clinical skills evaluations & appraisals will be conducted to monitor the candidates' progress. The candidate will be required to appear for the periodic academic & clinical assessment programs for the resident doctors, ***every 3 months with the completion of their log book***, in the Institute. Their performance in these assessments will be considered at the time of award of fellowship completion certificate.

*The Selected candidates would be required to submit the following certificates for verification by the Institute at the time of joining of the training programme. The candidates will have to sign an undertaking / bond to the effect that he / she will complete the fellowship without any break and in the event of his / her abandoning / leaving the training programme before completion and / or failing to complete the prescribed period of training he / she shall be liable to pay Rs. 100,000/- as damages to the Institute.*

- 1. MBBS Degree Certificate*
- 2. MCI Registration / State Council Registration Certificate*
- 3. PG-MS/DNB or DOMS certificate, whichever applicable*

*These documents will be remain in the safe custody of Personnel Department and will returned after completion of the course*

**Change in Course:**

Any change in the course shall be done based on any input by the course designing team from time to time. The basic criteria for change shall be the change in the Ophthalmology procedure (National or International)

**Stage Verification:**

Stage wise verification shall be done by in charge guide from time to time as defined in the procedure and report of verification shall be mentioned in the logbook.

**Validation of Course:**

In house Validation of course shall be finally done by MS & Joint Director and Certificate shall be issued by Venu Eye Institute & Research Centre after successful completion of the course and signed by the Medical Superintendent in the format No. VEI/ DOE/ACADEMIC YEAR/CERTIFICATE NUMBER



**Development of course  
(Input and Planning)  
For Fellowship - Oculoplasty**

Eligibility	MS/DNB/DOMS
Selection	Interview / Three days observation prior to full time fellowship programme, selection will be done based on performance
Seat	1
Session	Every year
Duration	2 years (full time)
Fee	Nil
Stipend	1 <sup>st</sup> year – Rs. 22,000/ per month 2 <sup>nd</sup> year – Rs. 25,000/per month, free mess + shared accommodation*
Leave rules	1 Casual Leave/ Month

\* Subject to availability

**Aim of the Training:**

Oculoplasty surgery is an upcoming subspecialty of ophthalmology. With changes in recent trends, Venu Eye Institute & Research Centre would endeavor to meet this need.

**Academic schedule-**

- a) Seminars /Journal clubs / Case presentations/Group discussions & Quiz every twice a month.
- b) CMEs & Didactic lectures by the faculty.
- c) Oculoplasty classes by Oculoplasty Unit
- d) Exposure and participation in national/international Ophthalmology Conferences
- e) Publications: in In-house, National & International Ophthalmology journals.

***One Research topic for dissertation & an aim for one paper presentation at a conference is mandatory***

**Faculty**

- In house Consultants, Medical Officers
- Visiting consultants
- Guest faculty

**Hospital Postings (OPD)**

- 1) The Fellow will be posted along with other resident doctors on night duties & ward duties (including postings on Sundays & holidays).
- 2) The Fellow will be posted along with other resident doctors on eye donation call duties (including postings on Sundays & holidays).
- 3) Satellite hospital postings 3-6 months / need & capacity based.
- 4) ***All post op rounds to be done by fellows in all cases of their specialities***

## **Schedule for screening camps**

- Outreach screening / diagnostic camps (including postings on Sundays & holidays).

## **Surgical Exposure**

### **Oculoplasty Surgery-Learning Targets:**

Observation/assistance/hands on

#### 1. Lid Surgery

- Entropion
- Ectropion
- Ptosis ( Levator / Sling)
  - Congenital
  - Acquired
- Misc lid surgery
  - Blepharoplasty
  - Lid retraction surgery
  - Tarsorrhaphy – permanent and temporary
  - Electrolysis
  - Lid reconstructions (Eyelid defects-Congenital, acquired)
  - Canthal reconstruction

#### 2. Lacrimal Surgery

- Punctoplasty
- Sac surgery
- DCT
- DCR
  - Primary DCR (Adults)
  - Failed DCR
  - Mucocoele
  - Complicated DCR(CCB)
  - Paediatric DCR
  - Intubation DCR
- Lacrimal fistulectomy
- Syringing & Probing

#### 3. Socket surgery

- Contracted Socket (Congenital,Acquired)
  - Fornix formation
  - MMG
  - AMG
- Evisceration with ball implant
- Enucleation with ball implant

#### 4. Trauma management

- Repair of lid lacerations
- Canalicular intubation

## 5. Ocular surface disorder management

- Symblepharon release& fornix formation with AMG
- Conjunctival cyst excision

## 6. Ocular tumors

- Lid tumor/growth excision biopsy with lid reconstruction
- Dermoid cyst excision

## 7. Misc

- Canthoplasty
- Y-V plasty
- Blepharophimosis correction
- Botox injections for twitches
- Skin Grafting

***Fellowship is to be divided in 6 phases of 4 months each.***

### **1<sup>st</sup> Phase (1<sup>st</sup> to 4<sup>th</sup> months)**

(Needs to be closely monitored during this period)

#### 1<sup>st</sup> Month:

- Working in subsidized OPD.
- Routine patient.-work-up.
- Orientation for Oculoplasty Screening

#### 2<sup>nd</sup> Month:

- OT observation
- Working up of all Oculoplasty patients in subsidized OPD.
- Basic Procedures
- Syringing
- Epilations
- Suture Removal

#### 3<sup>rd</sup> Month:

- Beginning of 3<sup>rd</sup> month- ECCE training
- OPD- work up of all charity patients
- Basic oculoplasty procedures

#### 4<sup>th</sup> month:

- Charity OPD workup
- Management ↓ Observation of oculoplasmy cases
- OT observation of oculoplasty cases

### **2<sup>nd</sup> Phase :(5<sup>th</sup> to 8<sup>th</sup> months)**

- 7<sup>th</sup> month- ECCE evaluation
- 8<sup>th</sup> month – SICS training
- OPD- work up
- Assisting Cases
  - DCT
  - DCR
  - Lid Surgery
    - Ectropion
    - Entropion

### **3<sup>rd</sup> Phase:(9<sup>th</sup> to 12<sup>th</sup> months)**

- Sac Surgeries under supervision
- Ectropion & Entropion surgeries under supervision
- OPD workup

### **4<sup>th</sup> Phase:(13<sup>th</sup> to 16<sup>th</sup> months)**

- 14<sup>th</sup> month- SICS evaluation
- 15<sup>th</sup> month – Phaco training
- Independent Sac Surgeries
- Independent Ectropion & Entropion
- Step wise Ptosis Surgery
- Step wise fornix formation Ptosis Surgeries

### **5<sup>th</sup> Phase(17<sup>th</sup> to 20<sup>th</sup> months)**

- Fornix formation
- Canthal reconstruction
- Independent OPD management

### **6<sup>th</sup> Phase (20<sup>th</sup> to 24<sup>th</sup> months)**

- Orbital surgeries
- Independent OPD management
- Independent OT

***In addition to the training for Oculoplasty surgeries, the candidates may also be trained in ECCE & SICS with IOL only as per the protocol of the Institute.***

### **Evaluation & Appraisal**

Regular academic & clinical skills evaluations & appraisals will be conducted to monitor the candidates' progress. The candidate will be required to appear for the periodic academic & clinical assessment programs for the resident doctors, ***every 3 months with completion of their log book*** in the *Institute*. Their performance in these assessments will be considered at the time of award of fellowship completion certificate.

*The Selected candidates would be required to submit the following certificates for verification by the Institute at the time of joining of the training programme. The candidates will have to sign an undertaking / bond to the effect that he / she will complete the fellowship without any break and in the event of his / her abandoning / leaving the training programme before completion and / or failing to complete the prescribed period of training he / she shall be liable to pay Rs. 100,000/- as damages to the Institute.*

- 1. MBBS Degree Certificate*
- 2. MCI Registration / State Council Registration Certificate*
- 3. PG-MS/DNB or DOMS certificate, whichever applicable*

*These documents will be remain in the safe custody of Personnel Department and will returned after completion of the course*

**Change in Course:**

Any change in the course shall be done based on any input by the course designing team from time to time. The basic criteria for change shall be the change in the Ophthalmology procedure (National or International)

**Stage Verification:**

Stage wise verification shall be done by in charge guide from time to time as defined in the procedure and report of verification shall be mentioned in the logbook.

**Validation of Course:**

In house Validation of course shall be finally done by MS & Joint Director and Certificate shall be issued by Venu Eye Institute & Research Centre after successful completion of the course and signed by the Medical Superintendent in the format No. VEI/ DOE/ACADEMIC YEAR/CERTIFICATE NUMBER

**Development of course  
(Input and Planning)  
For Glaucoma Fellowship**

Eligibility	MS/DNB/DOMS
Selection	Interview / Three days observation prior to full time fellowship programme, selection will be done based on performance
Seat	2
Session	Every year
Duration	2 years (full time)
Fee	Nil
Stipend	1 <sup>st</sup> year – Rs. 22,000/- per month 2 <sup>nd</sup> year – Rs. 25,000/- per month, free mess & shared accommodation *
Leave rules	1 Casual Leave/ Month

\*Subject to availability

**Aim of the Training:**

Glaucoma is going to be a major global cause of progressive irreversible blindness. Training of human resource in this field will help in better management of these patients. Also, it will create awareness of Glaucoma in patients who come for a routine screening.

**Academic schedule-**

- a. Seminars /Journal clubs / Case presentations/Group discussions & Quizzes twice a month.
- b. CMEs & Didactic lectures by the faculty.
- c. Glaucoma classes by Glaucoma Unit
- d. Exposure and participation in national/international Ophthalmology Conferences
- e. Publications: in In-house, National & International Ophthalmology journals.

***One Research topic for dissertation & an aim for one paper presentation at a conference is mandatory.***

**Faculty**

- In house Consultants, Medical Officers
- Visiting consultants
- Guest faculty

**Hospital Postings (OPD)**

- 1) The Fellow will be posted along with other resident doctors on night duties & ward duties (including postings on Sundays & holidays).
- 2) The Fellow will be posted along with other resident doctors on eye donation call duties (including postings on Sundays & holidays).
- 3) Satellite hospital postings 3-6 months / need & capacity based.
- 4) ***All post op rounds to be done by fellows in all cases of their specialities***

## **Schedule for Posting in Glaucoma screening camps**

- Outreach screening / diagnostic camps (including postings on Sundays & holidays).

## **Surgical Exposure**

The fellow's surgical training will be under the direct supervision of the Glaucoma unit/department, which will schedule a supervisor consultant for the course, who will in turn ensure monitoring of the surgical skills and subsequent up gradation of the fellow.

Hands on surgical training will be conducted as follows:

During the fellowship, a candidate will be trained in

- EUA
- Yag Lasers
- Trabelculotomy/ Trabeculectomy
- Combined Surgeries
- Glaucoma Shunt Surgeries

***Fellowship is to be divided in 6 phases of 4 months each.***

### **1<sup>st</sup> Phase (1<sup>st</sup> 4 months)**

(Needs to be closely monitored during this period)

1<sup>st</sup> Month:

- Working in subsidized OPD.
- Routine patient.-work-up.
- Applanation technique.

2<sup>nd</sup> Month:

- Orientation for Glaucoma Screening
- Applanation Tonometry
- Working up of all Glaucoma patients in subsidized OPD
- OT observation
- Wet lab posting

3<sup>rd</sup> Month:

- ECCE training
- OPD- work up .
- HVF & OCT posting
- Gonioscopy with observation.

4<sup>th</sup> month:

- Disc findings with drawings.
- Observe glaucoma surgeries
- Subsidized OPD patients

## **2<sup>nd</sup> Phase: (5<sup>th</sup> to 8<sup>th</sup> months)**

- Posting in private OPD
- OCT / HVF posting
- Fundus photographs.
- O.T. to observe/assist Glaucoma surgeries.
- Observe Lasers.
- Independent AT/Gonioscopy/ disc drawing in all patients
- 7<sup>th</sup> month – ECCE evaluation
- Beginning of 8<sup>th</sup> month- SICS training

## **3<sup>rd</sup> Phase: (9<sup>th</sup> to 12<sup>th</sup> months)**

- Independent work-up of patients.
- Management ↓ Observation
- Perform AT / Gonioscopy.
- Learn Laser ↓ Observation.

Surgical Training:

Steps of glaucoma surgery example:-

- Flap with suturing
- Punch

## **4<sup>th</sup> Phase (13<sup>th</sup> to 16<sup>th</sup> months)**

Surgical Training:

- Give 5-6 (or more depending on patient numbers) combined surgeries.
- Lasers
- 14<sup>th</sup> month – SICS evaluation
- Beginning of 15<sup>th</sup> month – Phaco training

## **5<sup>th</sup> Phase (17<sup>th</sup> to 20<sup>th</sup> months)**

- Trabeculectomy surgery independently
- Lasers
- Independently manage glaucoma patients in charity OPD

## **6<sup>th</sup> Phase (21<sup>st</sup> to 24<sup>th</sup> months)**

- Combined surgeries
- Lasers

**Exposure through Demo during the tenure on :**

- ✓ GDX
- ✓ HRT
- ✓ UBM

*In addition to the training for Glaucoma surgeries, the candidates may also be trained in ECCE , SICS and Phacoemulsification with IOL only as per the protocol of the Institute.*

**Evaluation & Appraisal**



- Regular academic & clinical skill evaluations & appraisals will be conducted to monitor the candidates' progress. The candidate will be required to appear for the periodic academic & clinical assessment programs for the resident doctors, **every 3 months with completion of log book** in the Institute. Their performance in these assessments will be considered at the time of award of fellowship completion certificate.

*The Selected candidates would be required to submit the following certificates for verification by the Institute at the time of joining of the training programme. The candidates will have to sign an undertaking / bond to the effect that he / she will complete the fellowship without any break and in the event of his / her abandoning / leaving the training programme before completion and / or failing to complete the prescribed period of training he / she shall be liable to pay Rs. 100,000/- as damages to the Institute.*

1. *MBBS Degree Certificate*
2. *MCI Registration / State Council Registration Certificate*
3. *PG-MS/DNB or DOMS certificate, whichever applicable*

*These documents will remain in the safe custody of Personnel Department and will be returned after completion of the course*

#### **Change in Course:**

Any change in the course shall be done based on any input by the course designing team from time to time. The basic criteria for change shall be the change in the Ophthalmology procedure (National or International)

#### **Stage Verification:**

Stage wise verification shall be done by in charge guide from time to time as defined in the procedure and report of verification shall be mentioned in the logbook.

#### **Validation of Course :**

In house Validation of course shall be finally done by MS & Joint Director and Certificate shall be issued by Venu Eye Institute & Research Centre after successful completion of the course and signed by the Medical Superintendent in the format No. VEI/ DOE/ACADEMIC YEAR/CERTIFICATE NUMBER

**Development of course  
(Input and Planning)  
Fellowship: Vitreo - Retina**

Eligibility	MS/DNB/DOMS
Selection	Interview / six months of comprehensive ophthalmology training including basic cataract surgeries (ECCE and SICS) prior to full time fellowship programme. Selection will be done based on performance
Seats	2
Session	Every year
Duration	2 ½ years (full time)
Fee	Nil
Stipend	1 <sup>st</sup> year Rs. 22,000/ per month ,2 <sup>nd</sup> year Rs. 25,000/ per month 3 <sup>rd</sup> year Rs. 30,000/ per month, Free mess + Free shared accommodation*
Leave rules	1 Casual Leave/ Month

- Subject to availability

**Aim of the Training:**

To train ophthalmologists in the field of vitreo-retina, i.e diagnostics and medical and surgical retina, including all current vitreo-retinal and surgical procedures so that they can help in better management problems like Diabetic Retinopathy, Vascular disorders, ARMD etc: which are one of the leading causes of worldwide blindness

**Academic schedule**

- Seminars /Journal clubs / Case presentations/Group discussions & Quiz twice a month.
- CMEs & Didactic lectures by the faculty.
- VR classes by VR Unit
- Training in all types of lasers
- Exposure and participation in national/international Ophthalmology Conferences
- Publications: in In-house, National & International Ophthalmology journals.
- Surgical training for management of Retinal Pathologies.

***One Research topic for dissertation & an aim for one paper presentation at a conference is mandatory.***

**Faculty**

- In house Consultants, Medical Officers
- Visiting consultants
- Guest faculty

**Training Exposure**

Dedicated training to make the VR Fellow well versed with :

- Aspects of medical retina which include:

- Indirect ophthalmology
- Slit lamp biomicroscopy
- Diagnosis of medical & surgical problems of retina
- Green laser techniques (S/L & LIO)
- Vitreoretinal surgeries like PPV, Buckling procedures for R.D.

***Fellowship is to be divided in 10 phases of 3 months each.***

**1st Phase**

Charity workup of all patients  
Slit Lamp examination  
Indirect / 90 D examination

**2<sup>nd</sup> Phase**

Charity workup of all patients  
Slit lamp examination  
Indirect/90 D examination

**3<sup>rd</sup> Phase**

Examination of charity patients, FFA, OCT, B-Scan

**4<sup>th</sup> Phase**

Laser (PRP), OPD Screening  
All diagnostic procedures

**5<sup>th</sup> Phase**

OT Observation of vitreo-retinal procedures  
Step of Surgeries under Guides, Lasers

**6<sup>th</sup> Phase**

Focal Lasers  
Vitreoretinal procedures

**7<sup>th</sup> Phase**

Independent OPD with minor cases  
Vitreoretinal surgeries

**8<sup>th</sup> Phase**

Independent OPD  
Major Cases under supervision

**9<sup>th</sup> Phase**

Independent OPD  
Independent Laser procedures

**10<sup>th</sup> Phase**

Surgery under observation

**Hospital Postings (OPD)**

- 1) Outreach screening/diagnostic camps (including postings on Sundays & holidays)

- 2) The Fellow will be posted along with other resident doctors on night duties & ward duties (including postings on Sundays & holidays).
- 3) The Fellow will be posted along with other resident doctors on eye donation call duties (including postings on Sundays & holidays).
- 4) Satellite hospital postings - need & capacity based.
- 5) *All post op rounds to be done by fellows in all cases of their specialties*

### **Evaluation & Appraisal**

Regular academic & clinical skills evaluations & appraisals will be conducted to monitor the candidates' progress. The candidate will be required to appear for the periodic academic & clinical assessment programs for the resident doctors **every 3 months with completion of log book**, in the institute. Their performance in these assessments will be considered at the time of award of fellowship completion certificate.

*The Selected candidates would be required to submit the following certificates for verification by the Institute at the time of joining of the training programme. The candidates will have to sign an undertaking / bond to the effect that he / she will complete the fellowship without any break and in the event of his / her abandoning / leaving the training programme before completion and / or failing to complete the prescribed period of training he / she shall be liable to pay Rs. 100,000/- as damages to the Institute.*

1. *MBBS Degree Certificate*
2. *MCI Registration / State Council Registration Certificate*
3. *PG-MS/DNB or DOMS certificate, whichever applicable*

*These documents will be remain in the safe custody of Personnel Department and will returned after completion of the course*

### **Change in course**

Any change in the course shall be done based on any input by the course designing team from time to time. The basic criteria for change shall be the change in the Ophthalmology procedure (National or International )

### **Stage Verification:**

Stage wise verification shall be done by in charge guide from time to time as defined in the procedure and report of verification shall be mentioned in the logbook.

### **Validation of Course :**

In house Validation of course shall be finally done by MS & Joint Director and Certificate shall be issued by Venu Eye Institute & Research Centre after successful completion of the course and signed by the Medical Superintendent in the format No. VEI/ DOE/ACADEMIC YEAR/CERTIFICATE NUMBER

**Development of course  
(Input and Planning)  
Fellowship - Comprehensive Ophthalmology**

Eligibility	MS/DNB/DOMS
Selection	Interview / One week observation prior to full time fellowship programme, selection will be done based on performance
Seats	2
Session	Every year
Duration	2 years (full time)
Fee	Nil
Stipend	1 <sup>st</sup> year - Rs. 22,000/ month 2 <sup>nd</sup> year – Rs. 25,000/ month, Free mess + free shared accommodation*
Leave rules	1 Casual Leave/ Month

- **Subject to availability**

**Aim of the program**

To give a dedicated training in Comprehensive Ophthalmology, with special emphasis on all sub-specialties in general, and an intensive training in the sub-specialty of the candidate's choice.

**Academic Schedule**

- Seminars /Journal clubs / Case presentation/Group discussion/ Quiz twice a month
- CMEs & Didactic lectures by the faculty.
- Conferences: exposure & participation in state/national level Ophthalmology conferences
- Publications: In house, National & International Ophthalmology journals.

*Two Research topics for dissertation & an aim for one paper presentation at a conference is mandatory.*

**Faculty**

- In house Consultants, Senior Residents and Tutors.
- Visiting consultants.
- Guest faculty.

**Clinical Training Profile**

**1<sup>st</sup> Year**

The candidate will be trained in General Ophthalmology in the 1<sup>st</sup> year of the fellowship, by rotation postings in the hospital, as well as outreach postings outside.

- 1-2<sup>nd</sup> month – Observation
- 3<sup>rd</sup> Month – Wet lab postings / observation
- 4<sup>th</sup> Month ECCE
- 6<sup>th</sup> Month ECCE Evaluation
- 7- 15 Month – SICS
- 9<sup>th</sup> Month – Mid term SICS Evaluation
- 15<sup>th</sup> Month – Final SICS Evaluation & upgradation to Phaco

***All the above skill upgradation will be considered only on the basis of Evaluator’s recommendation***

## **2<sup>nd</sup> Year**

The 2<sup>nd</sup> year of the fellowship will be dedicated to sub-specialty training in which the candidate will be posted in various departments as an observer; initially by rotation postings of 1 month each (except for Vitreo-Retina in which the candidate will be posted as a Medical Retina Trainee with suitable hands on training in the various diagnostic modalities of Vitreo-Retina along with hands on training in the various laser applications in Vitreo-Retina.

The candidate will be undergoing surgical upgradation in Cataract surgery simultaneous to the sub-specialty training in the 2<sup>nd</sup> year also.

In the last 6 months of the training the candidate will be offered a dedicated training (including surgical training) in the Sub-Specialty of the candidates’ choice.

The candidate will not be posted on outreach postings in the 2<sup>nd</sup> year of the training owing to the proposed dedicated sub-specialty training in that year.

<b>2<sup>nd</sup> Year</b>	<b>Sub-specialty Posting</b>	<b>Surgical postings</b>
Month	Department	Cataract Surgery only
1	Medical Retina	
2		
3		
4	Paediatric Ophthalmology & Strabismus	
5	Cornea & Refractive services	
6	Orbit & Ocuolplasty	
7	Glaucoma services	Phacoemulsification + PCIOL
8	Dedicated Training in the Sub-Specialty of choice for 5 + 1 months	
9		
10		
11		
12		

## **Hospital Postings (OPD)**

- 1) Outreach screening/diagnostic camps (including postings on Sundays & holidays)

- 2) The Fellow will be posted along with other resident doctors on night duties & ward duties (including postings on Sundays & holidays).
- 3) The Fellow will be posted along with other resident doctors on eye donation calls duties (including postings on Sundays & holidays).
- 4) Satellite hospital postings 6-8 months - need & capacity based.

### **Evaluation & Appraisal**

Regular academic & clinical skills evaluations & appraisals will be conducted to monitor the candidates' progress. The candidate will be required to appear for the periodic academic & clinical assessment programs for the resident doctors, ***every 3 month with completion of their log book*** in the Institute. Their performance in these assessments will be considered at the time of award of fellowship completion certificate.

***The Selected candidates would be required to submit the following certificates for verification by the Institute at the time of joining of the training programme. The candidates will have to sign an undertaking / bond to the effect that he / she will complete the fellowship without any break and in the event of his / her abandoning / leaving the training programme before completion and / or failing to complete the prescribed period of training he / she shall be liable to pay Rs. 100,000/- as damages to the Institute.***

1. ***MBBS Degree Certificate***
2. ***MCI Registration / State Council Registration Certificate***
3. ***PG-MS/DNB or DOMS certificate, whichever applicable***

***These documents will be remain in the safe custody of Personnel Department and will returned after completion of the course***

### **Change in Course:**

Any change in the course shall be done based on any input by the course designing team from time to time. The basic criteria for change shall be the change in the Ophthalmology procedure (National or International)

### **Stage Verification:**

Stage wise verification shall be done by in charge guide from time to time as defined in the procedure and report of verification shall be mentioned in the logbook.

### **Validation of Course:**

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**Development of course  
(Input and Planning)  
Fellowship: Cornea and Refractive surgery**

Eligibility	MS/DNB/DOMS
Selection	Interview / 3 days of observation prior to full time fellowship programme, selection will be done based on performance
Seats	2
Session	Every year
Duration	2 years (full time)
Fee	Nil
Stipend	1 <sup>st</sup> year – Rs. 22,000/- per month 2 <sup>nd</sup> year – Rs. 25,000 /- per month Free mess & Shared accommodation*
Leave rules	1 Casual Leave/ Month

\* Subject to availability

**Aim of the Training:**

The aim of this program is to train ophthalmologists in the diagnosis, treatment and surgery of corneal diseases. They would also be competent in the field of refractive surgery including Lasik. The candidates would also be actively involved in Eye banking activities.

**Academic schedule-**

- Seminars /Journal clubs / Case presentations/Group discussions twice a month.
- CMEs & Didactic lectures by the faculty.
- Cornea and refractive surgery classes by Cornea and refractive surgery unit.
- Exposure and participation in national/international Ophthalmology Conferences
- Publications: in In-house, National & International Ophthalmology journals.

**Faculty**

- In house Consultants, Medical Officers
- Visiting consultants
- Guest faculty

**Hospital Postings (OPD)**

- 1) Outreach screening/diagnostic camps (including postings on Sundays & holidays)
- 2) The Fellow will be posted along with other resident doctors on night duties & ward duties (including postings on Sundays & holidays).
- 3) Eye donation awareness programmes
- 4) Satellite hospital postings - need & capacity based.
- 5) *All post op rounds to be done by fellows in all cases of their specialties*
- 6) Fellow should be actively involved in screening patients for refractive surgery and transplantation from charity OPD/Satellite/Camps.

**Schedule for Posting in Cornea screening camps**

- Outreach screening / diagnostic camps (including postings on Sundays & holidays).



***Fellowship is to be divided in 4 phases of 6 months each.***

**Ist Phase (1<sup>st</sup> to 6<sup>th</sup> months)**

Charity workup for all patients  
Slit Lamp examination  
Work up & Documentation of cornea pts  
Corneal & anterior segment photography  
Corneal scrapings  
OPD minor procedures e.g suture removal  
2<sup>nd</sup> month- OT observation  
3<sup>rd</sup> month – ECCE training  
4<sup>th</sup> month onwards - TA + BCL  
    Corneal tear repair  
    AC reformation + TABCL  
    Pterygium  
    Wet lab training for PK

**2<sup>nd</sup> Phase (7<sup>th</sup> to 12<sup>th</sup> months)**

Wet lab training for Lasik/PRK/DSEK/DALK/DMEK  
Interpretation of cornea investigations  
Eye banking  
Refractive surgery evaluation and topography  
7<sup>th</sup> month- ECCE evaluation  
8<sup>th</sup> month - SICS training  
    AMG, Dry eye surgical management  
    C3R  
    Therapeutic PK: progress to Optical PK  
    Observation in LASIK OT  
    Managing charity patients independently  
    Minor OT procedures  
    Research work

**3<sup>rd</sup> Phase ( 13<sup>th</sup> to 18<sup>th</sup> months)**

Independent OT under supervision  
Independent OPD  
Research work  
14<sup>th</sup> month – SICS evaluation  
15<sup>th</sup> month – Phaco training  
    Optical PK, Triple procedure, complicated cases  
    Patch graft  
    PRK

**4<sup>th</sup> Phase (19<sup>th</sup> to 24<sup>th</sup> months)**

Independent OPD  
Independent OT  
Orientation towards Lasik  
Advanced phacoemulsification, Toric and multifocal IOLs  
Patch graft  
LASIK

*In addition to the training for Cornea and refractive surgeries, the candidates may also be trained in ECCE , SICS and Phaco with IOL only as per the protocol of the Institute.*

### **Evaluation & Appraisal**

Regular academic & clinical skills evaluations & appraisals will be conducted to monitor the candidates' progress. The candidate will be required to appear for the periodic academic & clinical assessment programs for the resident doctors **every 3 months with completion of log book**, in the institute. Their performance in these assessments will be considered at the time of award of fellowship completion certificate.

*The Selected candidates would be required to submit the following certificates for verification by the Institute at the time of joining of the training programme. The candidates will have to sign an undertaking / bond to the effect that he / she will complete the fellowship without any break and in the event of his / her abandoning / leaving the training programme before completion and / or failing to complete the prescribed period of training he / she shall be liable to pay Rs. 100,000/- as damages to the Institute.*

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2. *MCI Registration / State Council Registration Certificate*
3. *PG-MS/DNB or DOMS certificate, whichever applicable*

*These documents will be remain in the safe custody of Personnel Department and will returned after completion of the course*

### **Change in Course:**

Any change in the course shall be done based on any input by the course designing team from time to time. The basic criteria for change shall be the change in the Ophthalmology procedure (National or International)

### **Stage Verification:**

Stage wise verification shall be done by in charge guide from time to time as defined in the procedure and report of verification shall be mentioned in the logbook.

### **Validation of Course :**

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***MEDICAL  
TRAINING PROGRAMMES  
SHORT TERM***

## **Development of course (Input and Planning)**

### **ECCE with IOL implantation**

- Eligibility : MS/DOMS / DNB
- Selection : Application/Nomination (as per availability)
- Seats : 2
- Session : 1st of every month
- Course duration : 1 month
- Fee : Rs. 25,000/-
- Stipend : Nil
- Leave Rules : as per request & grant
- 

#### **Faculty**

- In house Consultants, Medical Officer, Senior Residents, Tutors, Fellows
- Evaluation- Observation & log book

#### **Course Content & Methodology**

- 1<sup>st</sup> Day of training –Observation & Orientation
- 2<sup>nd</sup> day – ECCE training to begin
- Wet lab training.
- Special Classes.
- Course material / handouts.
- Observe/assist / perform surgeries (15) may be more on individuals skill based.
- Pre & post operative evaluation.
- Access to videos / library / regular classes.
- To maintain a log book.

***Kindly follow the guidelines strictly. Otherwise cancellation of course duration may occur any time during the period.***

#### **Change in Course:**

Any change in the course shall be done based on any input by the course designing team from time to time. The basic criteria for change shall be the change in the Ophthalmology procedure (National or International )

#### **Stage Verification:**

Stage wise verification shall be done by in charge guide from time to time as defined in the procedure and report of verification shall be mentioned in the logbook.

**Validation of Course :**

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## Small Incision Cataract Surgery

- Eligibility : MS/DOMS/DNB
- Selection : Application / Nomination
- Seats : 2
- Session : 1st of every month
- Course Duration : 1 month
- Fee : Rs.30,000/-
- Stipend : Nil
- Leave Rules : As per request & grant

- **Faculty**

- In house Consultants, Medical Officers, Senior Residents, Fellows, Tutors
- Evaluation- Observation & log book

### **Course Content & Methodology**

- 1<sup>st</sup> Day of training – Orientation & Observation
- 2<sup>nd</sup> day – ECCE surgery to be assessed
- 3<sup>rd</sup> day – SICS training to begin provided candidate to competent in ECCE
- Wet lab training.
- Special classes.
- Course material / handouts.
- Observe/assist / perform surgeries (15) may be more on individuals skill based.
- Pre & post operative evaluation.
- Access to videos / library / regular classes.
- To maintain a log book.

***Kindly follow the guidelines strictly. Otherwise cancellation of course duration may occur any time during the period.***

### **Change in Course:**

Any change in the course shall be done based on any input by the course designing team from time to time. The basic criteria for change shall be the change in the Ophthalmology procedure (National or International )

### **Stage Verification:**

Stage wise verification shall be done by in charge guide from time to time as defined in the procedure and report of verification shall be mentioned in the logbook.

**Validation of Course :**

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**Development of course  
(Input and Planning)  
Phacoemulsification**

Eligibility	:	MS/DOMS/DNB
Selection	:	Application / Nomination (as per availability)
Seats	:	2
Session	:	1st of every month
Course duration	:	1 month
Fee	:	Rs. 40,000/-
Stipend	:	Nil
Leave Rules	:	As per request & grant

**Faculty**

- In house Consultants, Medical Officers, Senior Residents, Fellows, Tutors
- Evaluation- Observation & log book

• **Course Content & Methodology**

- 1<sup>st</sup> Day of training – Orientation & Observation
- 2<sup>nd</sup> day – ECCE/ SICS case to be done and assessed
- 3<sup>rd</sup> day – Phaco to begin provided candidate to competent in ECCE / SICS
- Practice eye ( if required)
- Special Classes
- Course material/handouts
- Observe/assist / perform surgeries (15) may be more on individuals skill based.
- Pre & post operative evaluation.
- Access to videos / library / regular classes.
- To maintain a log book.

***Kindly follow the guidelines strictly. Otherwise cancellation of course duration may occur any time during the period.***

**Change in Course:**

Any change in the course shall be done based on any input by the course designing team from time to time. The basic criteria for change shall be the change in the Ophthalmology procedure (National or International )

**Stage Verification:**

Stage wise verification shall be done by in charge guide from time to time as defined in the procedure and report of verification shall be mentioned in the logbook.



**Validation of Course :**

In house Validation of course shall be finally done by MS & Joint Director and Certificate shall be issued by Venu Eye Institute & Research Centre after successful completion of the course and signed by the Medical Superintendent in the format No. VEI/ DOE/ACADEMIC YEAR/CERTIFICATE NUMBER

**Development of course  
(Input and Planning)**  
**Advanced Phacoemulsification (with Foldable IOL)**

Eligibility	:	MS/DOMS/DNB
Selection	:	No. of previous Phaco cases
Seats	:	1
Session	:	1st of every month
Course duration	:	2 weeks / 4 weeks
Fee	:	Rs. 30,000 / Rs. 60,000
Stipend	:	Nil
Leave Rules	:	As per request & grant

**Faculty**

- In house Sr. Consultants, Jr Consultants
- Evaluation- Observation & log book

• **Course Content & Methodology**

- Practice eye ( if required)
- Special Classes
- Course material/handouts
- Observe/assist / perform surgeries (8/15) may be more on individuals skill based.
- Pre & post operative evaluation.
- Access to videos / library / regular classes.
- To maintain a log book.

*Kindly follow the guidelines strictly. Otherwise cancellation of course duration may occur any time during the period.*

**Change in Course:**

Any change in the course shall be done based on any input by the course designing team from time to time. The basic criteria for change shall be the change in the Ophthalmology procedure (National or International)

**Stage Verification:**

Stage wise verification shall be done by in charge guide from time to time as defined in the procedure and report of verification shall be mentioned in the logbook.

**Validation of Course :**

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## **Development of course (Input and Planning)**

### **Medical Glaucoma**

Eligibility	MS/DNB/DOMS
Selection	Application / Nomination
Seat	1
Session	Bimonthly
Duration	2 months
Fee	Rs. 20,000
Stipend	Nil
Leave rules	--

#### **Aim of the Training:**

Glaucoma is one of the major global cause of progressive irreversible blindness. Training of human resource in this field will help in better management of these patients. Also, it will create awareness of Glaucoma in patients who come for a routine screening.

1. Slot per Year: 6
2. Course commences: Bimonthly

#### **Academic schedule-**

- a) Seminars /Journal clubs / Case presentations/Group discussions & Quizes.
- b) CMEs & Didactic lectures by the faculty.
- c) Glaucoma classes by Glaucoma Unit

#### **Faculty**

- In house Consultants
- Long term Fellow
- Visiting consultants
- Guest faculty

During the fellowship, a candidate will be trained in

- Basic work-up of Glaucoma patient including
  - Applanation
  - Gonioscopy
- Learning investigative & diagnostic Procedures including
  - OCT
  - HVF
  - Pachymetry
- Disc photographs
- Medical management

## **Training Programme**

(Needs to be closely monitored during this period)

### **1<sup>st</sup> Week:**

- Working in subsidized OPD.
- Routine patient.-work-up.
- GAT
- Gonioscopy observation.
- Disc findings with drawings.

### **3<sup>rd</sup> Week**

- Working up of Glaucoma Patients
- Independent AT/Gonioscopy
- Pachymetry (CCT)

### **5<sup>rd</sup> Week**

- Posting in private OPD
- Learn OCT / HVF
- Fundus photographs.

### **7<sup>th</sup> Week**

- Medical Management
- Observe Lasers.
- O.T. observation, including Block & Record.
- O.T. to observe/assist. Glaucoma surgeries

## **Evaluation & Appraisal**

- Regular academic & clinical skill evaluations & appraisals will be conducted to monitor the candidates' progress. The candidate will be required to appear for the periodic academic & clinical assessment programs for the resident doctors, in the institute. Their performance in these assessments will be considered at the time of award of fellowship completion certificate.

## **Change in Course:**

Any change in the course shall be done based on any input by the course designing team from time to time. The basic criteria for change shall be the change in the Ophthalmology procedure (National or International )

## **Stage Verification:**

Stage wise verification shall be done by in charge guide from time to time as defined in the procedure and report of verification shall be mentioned in the logbook.

**Validation of Course :**

In house Validation of course shall be finally done by MS & Joint Director and Certificate shall be issued by Venu Eye Institute & Research Centre after successful completion of the course and signed by the Medical Superintendent in the format No. VEI/ DOE/ACADEMIC YEAR/CERTIFICATE NUMBER

## Development of course (Input and Planning)

### Medical Retina

Eligibility	MS/DNB/DOMS
Selection	Application / Nomination
Seat	1
Session	Bimonthly
Duration	2 months
Fee	Rs. 20,000
Stipend	Nil
Leave rules	--

#### **Aim of the Training:**

Retina is one of the most complicated branch in ophthalmology. Training of human resources in the field will help in better management of various retinal diseases and timely references. Also, it will help us to screen & manage more and more diabetic retinopathy patients which is now taking the form of an epidemic.

#### **Academic schedule**

- Seminars /Journal clubs / Case presentations/Group discussions & Quizes
- CMEs & Didactic lectures by the faculty.

#### **Faculty**

- In house Consultants
- Long term fellows
- Visiting Consultants

#### **Training Programme**

##### **1<sup>st</sup> Week:**

1. Retinal Charting
2. Color Coding
3. Practice of Indirect Ophthalmoscopy / Slit lamp Biomicroscopy on model eye balls

##### **2<sup>nd</sup> Week – 4<sup>th</sup> Week:**

1. OPD patient workup
2. Daily case presentations to consultants
3. Interesting case discussions
4. Hands on - Ultrasonography

### **5<sup>th</sup> – 6<sup>th</sup> Week**

1. Individual patient workup in OPD
2. OCT & FFA observation & hands on training
3. Classes on Lasers
4. Practice of Lasers on Model Eye Balls
5. OT Observation

### **7<sup>th</sup> – 8<sup>th</sup> Week**

1. Hands on PRP lasers ( depending on the performance & skills of the candidates)
2. Hands on OCT & FFA

### **Evaluation & Appraisal**

- Regular academic & clinical skill evaluations & appraisals will be conducted to monitor the candidates' progress. The candidate will be required to appear for the periodic academic & clinical assessment programs for the resident doctors, in the institute. Their performance in these assessments will be considered at the time of award of fellowship completion certificate.

### **Change in Course:**

Any change in the course shall be done based on any input by the course designing team from time to time. The basic criteria for change shall be the change in the Ophthalmology procedure (National or International )

### **Stage Verification:**

Stage wise verification shall be done by in charge guide from time to time as defined in the procedure and report of verification shall be mentioned in the logbook.

### **Validation of Course :**

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# ***WORKSHOPS***



## **Development of course (Input and Planning)**

### **Contact Lens**

- Eligibility : Ophthalmologists/Optometrists
- Selection : Application / Nomination
- Seat : 12
- Session : Workshop (June / December )
- Course duration : 3 days
- Fee : Rs. 6000 /-
- Mess & accommodation : Rs. 1500 (optional)
- Stipend : Nil
- Leave Rules : As per request & grant

- **Faculty**

- Ophthalmologists & senior optometrists
- Evaluation- Observation & log book

- **Course Content & Methodology**

- Special classes
- Demonstration & Hands on training
- Fitting of soft CL /RGP/ Toric lenses
- Fitting in special situations
- Visit to a CL manufacturing unit
- Access to library/videos/CD
- To maintain a log book

### **Change in Course:**

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### **Stage Verification:**

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**Validation of Course :**

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## **Development of course (Input and Planning)**

### **BASIC CLINICAL LOW VISION**

- Eligibility : Ophthalmologists / Ophthalmic Paramedics
- Selection : Application/Nomination
- Seats : 12
- Session : July / January
- Course duration : 3 days
- Fee : Rs. 6000/-
- Mess & accommodation : Rs. 1500 (optional)
- Stipend : Nil
- Leave Rules : No leave

- **Faculty**

- Ophthalmologists & senior optometrists
- Evaluation- Observation & Discussion

### **Course Content & Methodology**

- Special classes
- Demonstrations & hands on training
- Video presentations
- Course material
- Group discussions
- Concept of low vision
- Low vision assessment
- Optics & prescription of low vision devices
- Set up of low vision clinic
- Monitoring

### **Change in Course:**

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### **Stage Verification:**

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***PARAMEDICAL  
TRAINING PROGRAMMES***

## **Development of course (Input and Planning)**

### **Eye Bank Technician (Basic Course)**

- Eligibility : 10+2 with Science back ground
- Selection : Nomination / Application
- Seats : 2
- Session : Jan/ April/ July/ October
- Course duration : 3 months
- Fee : Nil
- Stipend : Nil
- Leave Rules : as per request & grant

### **Faculty**

- Eye Bank Director and Manager
- Senior Eye bank Technician
- Senior Eye Counselor

### **Evaluation**

- Log book
- Monthly test
- Observation

### **Course content & Methodology**

- Special classes
- Demonstrations & hands on training
- Video presentations
- Group discussions

### **Change in Course:**

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### **Stage Verification:**

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### **Validation of Course :**

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## **Development of course (Input and Planning)**

### **Eye Donation Counsellor**

- Eligibility : 10+2 / Graduate /MSW
- Selection : Nomination / Application
- Seats : 2
- Session : Every month
- Course duration : 1 month
- Fee : Nil
- Stipend : Nil
- Leave Rules : as per request & grant

- **Faculty**

- Eye Bank Director and Manager
- Senior Eye bank Technician
- Senior Eye Counselor

- **Evaluation**

- Log book
- Observation

### **Course content & Methodology**

- Special classes
- Video presentations
- Group discussions

### **Change in Course:**

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### **Stage Verification:**

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### **Validation of Course :**

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## **Development of course (Input and Planning)**

### **Instrument Maintenance**

- Eligibility : 10+2 with some experience in Ophthalmic setup
- Selection : Nomination / Application
- Seats : 2
- Session : Every 2<sup>nd</sup> month
- Course duration : 6 weeks
- Fee : Rs. 5,000
- Stipend : Nil
- Leave Rules : As per request & grant

### **Faculty**

- Supervisor and co - supervisor
- Ophthalmologists

### **Evaluation**

- Log book
- Observation

### **Course content & Methodology**

- To train candidates in preventive maintenance and repair of ophthalmic equipment
- Special classes
- Demonstrations & hands on training
- Video presentations
- Group discussions

### **Change in Course:**

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### **Stage Verification:**

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### **Validation of Course :**

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# ***OBSERVERSHIPS***

## **Development of course (Input and Planning)**

### **Observership for Eye Bank Manager**

- Eligibility : Personnel with some experience in Eye Banking
- Selection : Nomination / Application
- Seat : 1
- Session : As per requirement
- Course duration : 1 week
- Fee : Nil
- Stipend : Nil
- Leave Rules : No leave

#### **Faculty**

- Eye Bank Director
- Eye Bank Manager

### **Observership for Eye Bank Director**

- Eligibility : MS/DOMS/DNB (Trained in cornea and external diseases)
- Selection : Nomination / Application
- Seat : 1
- Session : As per requirement
- Course duration : 1 week
- Fee : Nil
- Stipend : Nil
- Leave Rules : No leave

#### **Faculty**

- Cornea consultants
- Eye Bank Director

#### **Change in Course:**

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## Development of course (Input and Planning)

### Optometry Fellowship Curriculum

Eligibility	Diploma/ Bachelors in Optometry
Selection	Written test followed by Interview / Three days observation prior to full time fellowship programme, selection will be done based on performance
Seats	10
Session	January & July
Duration	2 years for diploma & 1 year for bachelor (full time)
Fee	Nil
Stipend	1 <sup>st</sup> Year – Rs. 3,500 / per month, 2 <sup>nd</sup> Year – Rs. 4,500/ per month
Leave rules	1 Casual Leave/ Month

#### Academic schedule-

- f) Seminars /Journal clubs / Case presentations/Group discussions & Quiz
- g) CMEs & Didactic lectures by the faculty.
- h) Exposure and participation in national/international Optometry Conferences
- i) Publications: in In-house, National & International Optometry journals.

*One Research topic & an aim for one paper presentation at a conference is mandatory.*

#### Faculty

- In house Consultants and Optometry faculty
- Visiting consultants
- Guest faculty

#### **Hospital Postings (Monthly Rotation)**

##### **1. Charity Refraction OPD**

Vision checking  
Objective Refraction – Retinoscopy  
Subjective Refraction

##### **2. Private Refraction OPD**

Vision checking  
Objective Refraction – Retinoscopy  
Subjective Refraction

##### **3. Contact Lenses**

Basic work up  
Soft contact lens fitting  
Toric contact lens fitting  
RGP contact lens fitting  
Special contact lens fitting  
Care & Maintenance of contact lens

#### **4. Special Clinics**

##### a) Paediatric OPD

Paediatric Visual Acuity assessment

Orthoptic Work up

Squint work up

Synoptophore

Vision therapy

Diplopia charting

Hirschberg test

PBCT

##### b) Glaucoma clinic

Tonometry – Indentation, Applanation

Gonioscopy Observation

##### c) Retina clinic

Direct & Indirect Ophthalmoscopy

#### 4. Cornea clinic

Anterior segment examination

#### **5. Low vision**

Work up of a low vision case

#### **6. Outreach Programs**

Satellite postings

One day outreach OPDs

School Screening Camps

#### **7. Diagnostic**

a. Keratometry

b. A – Scan

c. Perimetry

d. Disc imaging

e. OCT

f. Laser & FFA

#### **8. Optical**

#### **9. Operation theatre**

*The Selected candidates would be required to submit the following certificates for verification by the Institute at the time of joining of the training programme. The candidates will have to sign an undertaking / bond to the effect that he / she will complete the fellowship without any break and in the event of his / her abandoning / leaving the training programme before completion and / or failing to complete the prescribed period of training he / she shall be liable to pay Rs. 20,000/- as damages to the Institute.*

- *Optometry Diploma Certificate or Bachelor Degree Certificate & Marksheet*

*These documents will be remain in the safe custody of Personnel Department and will returned after completion of the course*

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## **Development of course (Input and Planning)**

### **Optometry Internship Curriculum**

Eligibility	Bachelors in Optometry
Selection	Interview followed by practical assessment. selection will be done based on performance
Seats	15
Session	July
Duration	1 year
Fee	Nil
Stipend	Nil
Leave rules	1 Casual Leave/ Month

#### **Academic schedule-**

- j) Seminars /Journal clubs / Case presentations/Group discussions & Quiz
- k) CMEs & Didactic lectures by the faculty.
- l) Exposure and participation in national/international Optometry Conferences
- m) Publications: in In-house, National & International Optometry journals.

***One Research topic & an aim for one paper presentation at a conference is mandatory.***

#### **Faculty**

- In house Consultants and Optometry faculty
- Visiting consultants
- Guest faculty

#### **Hospital Postings (Monthly Rotation)**

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Vision checking  
Objective Refraction – Retinoscopy  
Subjective Refraction

##### **2. Private Refraction OPD**

Vision checking  
Objective Refraction – Retinoscopy  
Subjective Refraction

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Basic work up  
Soft contact lens fitting  
Toric contact lens fitting  
RGP contact lens fitting  
Special contact lens fitting  
Care & Maintenance of contact lens

#### **4. Special Clinics**

a) Paediatric OPD

Paediatric Visual Acuity assessment

Orthoptic Work up

Squint work up

Synoptophore

Vision therapy

Diplopia charting

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Tonometry – Indentation, Applanation

Gonioscopy Observation

c) Retina clinic

Direct & Indirect Ophthalmoscopy

4. Cornea clinic

Anterior segment examination

#### **5. Low vision**

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Satellite postings

One day outreach OPDs

School Screening Camps

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a. Keratometry

b. A – Scan

c. Perimetry

d. Disc imaging

e. OCT

f. Laser & FFA

#### **8. Optical**

- *Optometry Diploma Certificate or Bachelor Degree Certificate & Marksheet*

*These documents will be remain in the safe custody of Personnel Department and will returned after completion of the internship*



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**HOW TO APPLY**

**Please send your application along with complete biodata at the following address**

**Head  
Department of Education  
Venu Eye Institute & Research Centre  
Press Enclave Marg, Sheikh Sarai Institutional Area Phase-2  
New Delhi - 110017**

**Phone Nos. 91-11-29251155/ 56/ 29251951 /2925757 /29254758**

**Fax Nos. 91-11-29252370**

**Email for Medical Training Programme: [education@venueyeyeinstitute.org](mailto:education@venueyeyeinstitute.org)**

**Email for Paramedical Training Programme:**

**[optometry@venueyeyeinstitute.org](mailto:optometry@venueyeyeinstitute.org)**