

Optometry Fellowship – Program Details

1st Year

Department Postings (Monthly Rotation)

1. Refraction
2. Contact Lenses
3. Lasik
4. Biometry
5. Glaucoma
6. Orthoptics
7. Special Clinics
 - a. Squint
 - b. Retina
 - c. Cornea
8. Community Ophthalmology, School Vision screening
9. Project work

2nd Year

1. Clinicals
2. Project Work

Theory classes, will cover subjects like Visual optics, Dispensing optics, Strabismus, Low Vision Aids, Optometric instruments, Ocular Diseases, Systemic diseases associated with ocular conditions, Contact lenses & Case discussions

Modules

<p>1. Refraction</p> <ol style="list-style-type: none"> a. Vision checking b. Objective Refraction – Retinoscopy, Auto Refraction c. Subjective Refraction d. Slit Lamp Biomicroscopy e. Tonometry – Indentation, Applanation 	<p>2. Contact Lenses</p> <ol style="list-style-type: none"> a. Basic work up b. Soft contact lens fitting c. Toric contact lens fitting d. RGP contact lens fitting e. Maintenance & care (contact lens teaching)
<p>3. Lasik</p> <ol style="list-style-type: none"> a. Counselling b. Orbscan c. Aberrometry d. Wave front analysis 	<p>4. Biometry</p> <ol style="list-style-type: none"> a. Keratometry b. A – Scan c. Specular Microscopy d. IOL Master
<p>5. Glaucoma</p> <ol style="list-style-type: none"> a. Tonometry b. Gonioscopy c. Perimetry d. Disc imaging e. OCT 	<p>6. Orthoptics</p> <ol style="list-style-type: none"> a. Basic squint evaluation b. Synoptophore c. Diplopia & Hess charting d. Orthoptic evaluation
<p>7. Special Clinics</p> <p>During this the candidates will be posted in the respective subspecialty clinics like Squint, Retina & Cornea</p>	<p>8. Community Ophthalmology</p> <p>The candidates will be posted in the charitable wing of the hospital and has to attend the community out reach programmes and vision screening camps in schools and colleges</p>