

**Passed by Academic Council (Resolution No. 355/2006) dtd. 30/05/2006, subject to Uniformity in the Examination pattern.**

## **SYLLABUS FOR POST GRADUATE COURSES IN OPHTHALMOLOGY**

1. Every candidate for the post graduate courses in ophthalmology must have obtained the Bachelor of Medicine and Bachelor of Surgery Degree of this University.
2. He or She should complete two years and three years academic terms for Post-graduate Diploma and Degree course in Ophthalmology as per MCI norms.
3. Every candidate presenting himself for these courses must send to the registrar with his application for admission of registration the following certificates –

1. Certificate of having MBBS degree.
2. Maharashtra Medical Council Certificate.
3. Eligibility Certificate.
4. Simultaneous registration for degree and diploma courses shall not be permitted.
5. Holder of diploma in any subject are not been give any concession of duration for completing post – graduate degree.
6. The subject for study shall be
  - A) Anatomy and Embryology of Eye including the contents of the orbital bones in relation thereof and the central nervous system as far as it refers to eye.( this includes anatomy of each structure of the eyeball for e.g. – Cornea, Iris, Choroid, Retina, Lens, Vitreous, Lids, etc)
  - B) Physiology of the Eye – Which includes physiology of vision, optics, binocular vision, Aqueous secretions, tear secretion, metabolism of various structures of the ye like cornea, lens, etc.
  - C) Various errors of refraction and their principles and optics.
  - D) Ophthalmic Medicine and Surgery (All Diseases related to various structures of the eye for eg – Lid, Adnexa, Conjunctiva, Cornea, Uvea, Lens, Vitreous, Retina,optic Nerve, Extraocular muscles, Tumors .)
  - E) Pathology and Bacteriology of the Eye.
  - F) Relation of ophthalmology to general medicine.
  - G) Eye Banking and its aspects.
  - H) National Program for Control of Blindness and its applications in Community Ophthalmology.
  - I) Various new innovations in Ophthalmology for example like Lasers in Ophthalmology, New Drugs in Ophthalmology, New techniques in operative skills, various transplant surgeries like – Keratoplasty, Stem cells transplant, amniotic membrane transplant.
  - J) Therapeutics in Ophthalmology
  - K) Radio therapy in Ophthalmology.

**EXAMINATION PATTERN – For M.S. Ophthalmology –**  
*(As per Direction No. 01/2008 dtd. 26/05/2008)*