

In view of representation from the Faculty in Government colleges, in State of AP.
 The Syllabus for the 1st year in all Para medical courses is modified accordingly the
 modified Syllabus for 1st year is kept on website.

DIPLOMA IN OPHTHALMIC ASSISTANT COURSE (TWO YEARS COURSE)	
Syllabus for First Year	
Paper-I	<p><u>BASIC HUMAN SCIENCES</u></p> <p>A) Basics of Anatomy B) Basics of Physiology C) Basics of Bio-chemistry D) Basics of Bio-statistics</p>
Paper-II	<p><u>PHYSICAL SCIENCES</u></p> <p>A) Basics of Pathology B) Basics of Blood Banking C) Basics of Microbiology D) Basics of Central sterilization.</p>
Paper-III	<p>A) Hospital awareness, B) Familiarization of different tables/tubes in surgical dept. Surgical Awareness, Preparation of patient for surgery. C) Patient related services. D) Communication and computer skills, audio & visual aids.</p>

**DIPLOMA IN OPHTHALMIC ASSISTANT COURSE
(TWO YEARS COURSE)**

Syllabus for Second Year

Paper-I	<p>A) Anatomy & Physiology of Eye, Retina. Human Anatomy with Special Reference to Special Senses.</p> <p>B) Common Eye diseases, Prevention & Recognition. Glaucoma, Amblyopic, Cornea.</p> <p>C) Vision testing, Various Colour visions, Components of vision, Principle of testing for Visual acuity.</p> <p>D) Retinoscopy and subjective testing, Visual Fields, Orthotics Role of Ophthalmic Assistant.</p>
Paper-II	<p>A) Health Education of Eye, Community Ophthalmology, Eye Banking, Common Eye Disorders, Malnutrition, Hypertension.</p> <p>B) Post Operative Care, Cutting of lashes, Preparation of Eye and ocular bandaging. Physical & Physiological aspects of Operating Micro-Scopes</p> <p>C) Ocular Pharmacology, Ocular Microbiology, Ophthalmic Techniques</p> <p>D) NPCB, Nutrition causes of Blindness, Eye Problems of School Children.</p>
Paper-III	<p>A) Optics, Refraction, Laws of refraction & Reflection, Geometrical & Physiological Optics, Prisms</p> <p>B) Ocular Emergencies, Ocular surgery, Minor Surgical Procedures, Mobile Ophthalmic Unit, Eye Camps</p> <p>C) Optical aberrations of Ophthalmic glasses, Identification of Lenses including Spherical, Cylindrical and Prisms and Neutralization, Lensometry.</p> <p>D) Instrumentation Study, Instrument Measurement & Critical Care Equipment.</p>