



**SCHOOL OF ALLIED HEALTH SCIENCES  
Department of Optometry**

**Minutes of 5<sup>th</sup> Board of Studies Meeting (UG)**

The 5<sup>th</sup> Board of Studies meeting of B.Sc Optometry was held on 29<sup>th</sup> September 2022 at 11.00 A.M in the Conference Hall, Sri Manakula Vinayagar Medical College with Head of the Department as the Chairperson The following members were present for the BoS meeting

Sl. No.	Name of the Member	Designation	Signature
1	Dr. Nallamuthu Professor & HOD Department of Ophthalmology Sri Manakula Vinayagar Medical College and Hospital Mail id: <a href="mailto:drpnallamuthu@gmail.com">drpnallamuthu@gmail.com</a> PH: 9843890074	Chairman	
2	Dr. Prince Associate Professor Department of Microbiology Mother Teresa Post Graduate and research Institute of Health Sciences, Puducherry Mail id: <a href="mailto:cpprincepni@gmail.com">cpprincepni@gmail.com</a> PH: 9345413279	(University Nominee)	
3	Dr. Bhagwati Wadwekar Associate Professor Department of Ophthalmology Pondicherry institute of Medical Sciences Pondicherry Mail id: <a href="mailto:bwadwekar@yahoo.com">bwadwekar@yahoo.com</a> PH:9626249484	(Academic Council Nominee) Subject Expert	
4.	Dr. Loganathan Professor Department of Ophthalmology Sri Venkateshwaraa Medical College Hospital & RC Mail id: <a href="mailto:log_smith@yahoo.com">log_smith@yahoo.com</a> PH:8940184306	(Academic Council Nominee) Subject Expert	
5	Dr.D.Durai murugan Consultant General and Laparoscopic surgeon Department of Gastroenterology Villupuram Mail id: <a href="mailto:duraigastrocure@gmail.com">duraigastrocure@gmail.com</a> PH:9443723677	Industrial Expert	



# SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

(An Autonomous Institution)  
(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)  
(Accredited by NBA-AICTE, New Delhi, ISO 9001:2000 Certified Institution &  
Accredited by NAAC with "A" Grade)  
Madagadipet, Puducherry - 605 107



6	Dr. Sripal Assistant professor Department of Ophthalmology (Sri Manakula Vinayagar Medical College and Hospital) Mail id: <a href="mailto:sripaldr@gmail.com">sripaldr@gmail.com</a> PH: 9597350850g	Internal Member	
7	Dr. Renuga Devi Assistant Professor Department of Ophthalmology Sri Manakula Vinayagar Medical College and Hospital Mail id: <a href="mailto:drmk2009@gmail.com">drmk2009@gmail.com</a> PH9894995351	Internal Member	
8	Ms.G.Kamali Assistant Professor Department Of Optometry Sri Manakula Vinayagar Engineering College Pondicherry Mail Id: <a href="mailto:gkamali2112@gmail.com">gkamali2112@gmail.com</a> PH:7358826220	Internal Member	

Dr. Nallamuthu  
Chairman

Dr.R.Gopal

Dean- AHS

Dr.S.Anbumalar

Dean-Academics

Dr. V.S.K.Venkatachalapathy

Director Cum Principal



**Minutes of the 5<sup>th</sup> Meeting of Members of BOS in Optometry held on 29<sup>th</sup> September 2022**

**Agenda 1/ BoS / 5 /2022 /OPT/UG**

**Welcome Address, Introduction about the Institution, Department and BoS Members**

The Dean, School of Allied Health Sciences welcomed the chairman and the members for the 5<sup>th</sup> BOS meeting and briefed the members about the inception of school of AHS and the various courses offered by the institution and the strength of the students in different courses. The chairman of the Board of the studies introduced the new members to the university nominee and welcomed the members before commencing the discussion on the various items

**Agenda 2/ BoS /5 /2022 / OPT/UG**

**Amendment in the regulation for admission to all courses.**

The members were apprised of the amendments made in age limits to be on par with The Government of Puducherry / Pondicherry University in the last Academic council meeting. Lateral entry to 2<sup>nd</sup> year of the degree courses shall be to the same discipline as the Diploma course pursued by the candidate on par with other Universities / Institutions. (Annexure-1)

**Agenda 3/ BoS /5 /2022 / OPT/UG**

**Eligibility for Pass**

BOS members of other courses however felt that the existing 40% minimum would be acceptable considering the back ground of the students hail from rural back ground & education in Tamil medium.

**Agenda 4/ BoS /5 /2022 / OPT/UG**

**Examiner ship for UG Courses**

The Dean proposed to make 1 year Post PG (M.Sc / M.D) teaching experience or 3 years post UG (B.Sc) teaching experience as the eligibility requirement which was approved by the members.

**Agenda 5/ BoS /5 /2022 / OPT/UG**

**Examination Schedule**

The Tentative schedule of Internal Assessment + Final Exam was approved by the members.

**Agenda 6/ BoS /5 /2022 / OPT/ UG**

**Internship**

➤ The Head of the Department suggested that a maximum of 3 months of Peripheral Postings



- (other hospitals) and 9 month of Postings in the Parent institution may be adopted. Other members had a divided opinion. Some of the members suggested 6 months of Internal & 6 month of External Postings (Optional).
- The students also be permitted to go for observation training in other hospitals for a maximum period of one month in 2<sup>nd</sup> year and one month in 3<sup>rd</sup> year.
- The Dean of AHS suggested that the mandatory period of internship in the parent institution shall be 6 months and the duration of training in other recognized hospitals (External) can be decided by the HOD concerned based on the facility available in house and the need for wider exposure.

**Agenda 7/ BoS /5 /2022 / OPT/ UG**

### **Syllabus**

- Systemic and ocular disease changed to Ocular Disease- 3<sup>rd</sup> year( ANNEXURE -1)

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**SYSTEMIC & OCULAR DISEASES**

**COURSE CODE :U20OPTT33**

**EXISTING SYLLABUS**

**SYSTEMIC & OCULAR DISEASES**

**EYELIDS:** Eyelid anatomy, Congenital and developmental anomalies of the eyelids

- Blepharospasm
- Ectropion, Entropion, Trichiasis and symblepharon
- Eyelid inflammations ,Eyelid tumours,
- Ptosis, Eyelid retraction,, Eyelid trauma
- **LACRIMAL SYSTEM:** Lacrimal system, Lacrimal pump, Methods of lacrimal evaluation
- Congenital and development anomalies of the lacrimal system
- Lacrimal obstruction ,Lacrimal sac tumors ,Lacrimal trauma
- **SCLERA** Episclera, Ectasia and staphyloma, Scleritis, episcleritis
- **ORBIT:** Orbital anatomy, Incidence of orbital abnormalities, Methods of orbital examination• Congenital and developmental anomalies of the orbit• Orbital tumours, Orbital inflammations• Sinus disorders affecting the orbit, Orbital trauma

• **CONJUNCTIVA AND CORNEA INFLAMMATION:** Therapeutic principles, Specific inflammatory diseases

- Tumours of epithelial origin, Glandular and adnexal tumours of neuro ectodermal origin
- Vascular tumours, Xanthomatouslesions, Inflammatory lesions
- Metastaticumours, Degenerations and dystrophies
- Definitions – Degenerations & Dystrophies

**MISCELLANEOUS CONDITIONS :** Keratoconjunctivitis, Sicca (KSicca) Tear function tests,

- Stevens – Johnson syndrome ,Ocular Rosacea Atopic eye disorders
- Benign mucosal pemphigoid (BMP) – ocular pemphigoid, Vitamin A deficiency
- Metabolic diseases associated with corneal changes

• Curriculum and Syllabi R-2020 AHS-B.Sc Optometry IRIS, CILIARY BODY AND PUPIL: Congenital anomalies

- Primary and secondary disease of iris and ciliary body Tumors

**PROPOSED SYLLABUS**

**OCULAR DISEASES**

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• Curriculum and Syllabi R-2020 AHS-B.Sc Optometry IRIS, CILIARY BODY AND PUPIL: Congenital anomalies

- Primary and secondary disease of iris and ciliary body Tumors



Anomalies of papillary reactions

- CHOROID: Congenital anomalies of the choroids
- Diseases of the choroid Tumours

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3. Principles and Practice of Ophthalmology 4. Parson,,s Diseases of the eye – Radhika Tandon, 22nd edition, Elsevier, 2014 OCULAR DISEASES (Theory: 30 hours, Practical: 20 Hrs) VITREOUS: Developmental abnormalities , Hereditary hyaloidoretinopathies, Juvenile retinoschisis

- Asteroid hyalosis, Cholesterolosis, Vitreous haemorrhage, Blunt trauma

- vitreous Inflammation, and the vitreous Parasitic infestations Pigment granules in the vitreous, complications in cataract surgery RETINA: Retinal vascular diseases, Diseases of the choroidal vasculature, Bruch"s membrane

- Retinal pigment epithelium (RPE) Retinal tumors, Retinoblastoma.

- Phakomatoses, Retinal vascular anomalies, Retinal and optic nerve head astrocytomas

- Lymphoid tumors, Tumors of the retinal pigment epithelium,Other retinal disorders

- Retinal inflammations, Metabolic diseases affecting the retina

- Miscellaneous disorders, Electromagnetic radiation effects on the retina

- Retinal physiology and psychophysics, Hereditary macular disorders (including albinism), Peripheral retinal degenerations, Retinal holes and detachments Intraocular foreign bodies, Photocoagulation

GLAUCOMA: Introduction to glaucoma – Epidemiology-heridity

Definition & classification of Glaucoma, Intra Ocular pressure Aqueous humor dynamics, clinical Evaluation-history

General examination-Gonioscopy-Optic nerve head analysis-Visual fields

Childhood Glaucoma

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ngle glaucoma: The glaucoma suspect

Open angle glaucoma without elevated IOP

- Anomalies of papillary reactions

- CHOROID: Congenital anomalies of the choroids

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Primary open angle glaucoma -Secondary open angle glaucoma -Angle closure glaucoma-Primary

- angle closure glaucoma-Secondary angle closure glaucoma

Medical management of glaucoma - Surgery therapy for glaucoma

- Newer advances in the management of glaucoma
- **NEURO – OPHTHALMOLOGY:** Neuro-ophthalmic examination, History, Visual function testing, Technique of papillary examination, Ocular motility, Checklist for testing Visual sensory system, The retina, The optic disc, The optic nerve The optic chiasm The optic tracts, The lateral geniculate body, The optic radiations, The visual cortex, The visual field, The blood supply of the anterior and posterior visual systems, Disorders of visual integration, Ocular motor system, Supranuclear control of eye movements - Saccadic system - Clinical disorders of the saccadic system - Gaze palsies - Progressive supra nuclear palsy - Parkinson"s disease - Ocular motor apraxia-Ocular oscillation - Smooth pursuit system and disorders, Vergence system, Cerebellar system, Non-visual reflex system, Position maintenance system, Nystagmus, Ocular motor nerves and medial longitudinal fascicules, The facial nerve Pain and sensation from the eye, Autonomic nervous system, Selected systemic disorders with neuro-ophthalmologic signs
- **LENS:** Anatomy and pathophysiology, Normal anatomy and aging process
- Developmental defects, Acquired lenticular defects
- **TRAUMA:** Anterior segment trauma, Posterior segment trauma
- **Blindness–** definitions Causes Social implications Rationale in therapy, Drug induced ocular diseases

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