

DATTA MEGHE INSTITUTE OF MEDICAL SCIENCES

(Deemed University)

JAWAHARLAL NEHRU MEDICAL COLLEGE

Department of Ophthalmology

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Reg.: JNMC/Ophtha/2021-2022/

22.06.2021

Updated PHD EQB

(Themes based on PG curriculum for AIPHDE)

Theme A: Basic and applied sciences related to ophthalmology

1. Orbital and ocular anatomy- a)Gross anatomy b) Histology
2. Ocular physiology
3. Pathology- c) General pathology d) ocular pathology: gross pathology, histopathology
4. Biochemistry: general biochemistry, biochemistry applicable to ocular function
5. Microbiology-a)specific microbiology applicable to the eye b) immunology with particular reference to ocular immunology
6. Geometric and ophthalmic optics-d) basic physical optics, e) ophthalmic optics f) applied optics including optical devices

Theme B: Clinical ophthalmology –I

1. Disorders of refraction
2. Strabismus and amblyopia
3. Disorders of the sclera
4. Disorders of uveal tract
5. Immune ocular disorders
6. Disorders of the cornea

Theme C: Clinical ophthalmology-II

1. Disorders of conjunctiva
2. Disorders of orbit.
3. Disorders of the lids

4. Disorders of the lacrimal system
5. Neuro ophthalmology
6. Paediatric ophthalmology

Theme D: Clinical ophthalmology-III

1. Disorders of lens
2. Disorders of retina
3. Disorders of the optic nerve and visual pathway
4. Glaucoma
5. Systemic ophthalmology (ocular involvement in systemic disease)

Theme E: Miscellaneous

1. Recent advances in ophthalmology.
2. Ocular trauma
3. Community ophthalmology

Dr Praveena Kher.

Professor & HOD

Dept. Of Ophthalmology.