

**BHARATI VIDYAPEETH
(DEEMED TO BE UNIVERSITY)
MEDICAL COLLEGE, PUNE**

**Department of Ophthalmology
February 2019**
Clinical Teaching programme for Under Graduate Student
VI Semester (four weeks posting)

Sr no.	Date	Topic	Faculty Designation	Signature
1	30/01/2019 (Wednesday)	Examination of eye I	Dr. Shubha Nagpal (Prof.&HOD)	
2	31/01/2019 (Thursday)	Examination of the eye II	Dr. Sanjiv Agrawal (Asso. Prof.)	
3	01/02/2019 (Friday)	Refractive errors <ul style="list-style-type: none"> • Visual acuity (with and without Pin hole) • Retinoscopy • Autorefractometer • Stenopic slit • Subjective correction • Duochrome test • Lenses • Mydriatics and cycloplegics 	Dr. Nandini Ramchandran (Prof.)	
4	02/02/2019 (Saturday)	Convocation		
5	04/02/2019 (Monday)	Lid <ul style="list-style-type: none"> • Styte • Chalazion • Entropion • Ectropion • Ptosis • Surgical videos and instruments 	Dr. Tejaswini Khandagave (Asso. Prof.)	
6	05/02/2019 (Tuesday)	Acute red eye case discussion Conjunctiva <ul style="list-style-type: none"> • Infective and allergic conjunctivitis • Pterygium Surgical videos and instruments 	Dr. Varsha Kulkarni (Prof.)	
7	06/02/2019 (Wednesday)	Precorneal tear film assessment <ul style="list-style-type: none"> • Tests for dry eye • Fluorescein strip • Schermers strip • Rose Bengal strip 	Dr. Shubha Nagpal (Prof.&HOD)	
8	07/02/2019 (Thursday)	Case presentation - Corneal ulcer I History talking and Examination of case and management	Dr. Sanjiv Agrawal (Asso. Prof.)	
9	08/02/2019 (Friday)	Case presentation - Corneal ulcer II History talking and Examination and management of case <ul style="list-style-type: none"> • Complications of corneal ulcer • Antibiotics, antiviral and antifungal agents • cycloplegics 	Dr. Nandini Ramchandran (Prof.)	
10	09/02/2019 (Saturday)	Case presentation - iridocyclitis History talking and Examination and management <ul style="list-style-type: none"> • Steroids and NSAIDS 	Dr. Deepa Muzumdar (Asso. Prof.)	
11	11/02/2019	Case presentation - Cataract I (examination of a	Dr. Tejaswini	

	(Monday)	cataract case)	Khandagave (Asso. Prof.)	
12	12/02/2019 (Tuesday)	Case presentation -Cataract II -Pre-Operative preparation for Cataract surgery <ul style="list-style-type: none"> • IOP • Sac syringing • A scan Biometry • Lab investigations • Preop preparation of patient(consent, xylocain sensitivity test, dilatation of pupil 	Dr. Varsha Kulkarni (Prof.)	
13	13/02/2019 (Wednesday)	Surgical management of cataract III (live demo - operation theatre) <ul style="list-style-type: none"> • IOLs • Surgical instruments for cataract surgery 	Dr. Shubha Nagpal (Prof.&HOD)	
14	14/02/2019 (Thursday)	Case presentation -Post operative management and complications of cataract IV	Dr. Sanjiv Agrawal (Asso. Prof.)	
15	15/02/2019 (Friday)	Case presentation -Pseudophakia/Aphakia History talking and Examination and management	Dr. Nandini Ramchandran (Prof.)	
16	16/02/2019 (Saturday)	Case presentation -Glaucoma History talking and Examination and management se <ul style="list-style-type: none"> • IOP • Gonioscopy • Perimetry • Fundus photographs • OCT • Antiglaucoma drugs 	Dr. Deepa Muzumdar (Asso. Prof.)	
17	18/02/2019 (Monday)	Retina examination and investigations <ul style="list-style-type: none"> • Direct and indirect Ophthalmoscopes • OCT Case presentation - Dacryocystitis History talking and Examination and management e <ul style="list-style-type: none"> • DCT and DCR • Surgical videos • Surgical instruments 	Dr. Tejaswini Khandagave (Asso. Prof.)	
18	19/02/2019 (Tuesday)	Holiday	Dr. Varsha Kulkarni (Prof.)	
19	20/02/2019 (Wednesday)	Squint Examination <ul style="list-style-type: none"> • Ocular movements • Cover test • Prism bar cover test • Worth four dot test • Maddox rod test • Diplopia charting • Synaptophore 	Dr. ShubhaNagpal (Prof.&HOD)	
20	21/02/2019 (Thursday)	RESCON		
21	22/02/2019 (Friday)	RESCON		
22	23/02/2019 (Saturday)	RESCON		
23	25/02/2019 (Monday)	Posting ending Assessment	Dr. Tejaswini Khandagave (Asso. Prof.)	
24	26/02/2019 (Tuesday)	Posting ending Assessment	Dr. Varsha Kulkarni (Prof.)	

Clinical exam case presentation and table viva - total maximum marks -20

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**Department of Ophthalmology
February 2019
Clinical Teaching programme for Under Graduate Student
Forth semester**

- Duration Two weeks

-Internal assessment – OSCE -10 marks

Sr no.	Date & Day	Topic	SLOs	Faculty
1	13/02/2019 (Wednesday)	Orientation Demonstration of eye ball model Anatomy of the eye ball Functions of the parts of eye ball	Draw a wel labeled diagram of eye ball Name various parts of the eye ball. Enumerate functions of each part of the eye ball	Dr. Sheldon
2	14/02/2019 (Thursday)	Refraction of normal eye Distant and near vision Refractive errors (nomenclature)	Draw labeled ray diagram of emmetropia, myopia, hypermetropia, astigmatism Enumerate factors affecting refractive status of the eye.	Dr. Rupali
3	15/02/2019 (Friday)	Symptomatology I Vision related symptoms	Enumerate vision realated symptoms Enumerate causes of DOV Diplopia Nyctalopia Hamerlopia Loss of field of vision	Dr. Sheldon
4	16/02/2019 (Saturday)	Symptomatology II Other ocular symptoms	Enumerate causes of Redness of eye Watering/discharge from the eye Pain in the eye Headache Lid swellings	Dr. Rupali
5	18/02/2019 (Monday)	Visual acuity testing Distant and near vision Colour vision testing	Check distant and near visual acuity of the patient and record accurately. Test PL and PR and record accurately Enumerate causes of -NO PL -defective PR	Dr. Sheldon
6	20/02/2019 (Wednesday)	Examination of ophthalmic patient Important systemic evaluation <ul style="list-style-type: none"> Head posture Fore head 	Examine systematically and identify the normal /abnormal findings and record correctly Enumerate the causes of abnormal findings (signs)	Dr. Rupali

		<ul style="list-style-type: none"> • Eye brows • Palpable fissure • Lids • Position of the globe • Ocular alignment and ocular movements 		
7	21/02/2019 (Thursday)	Anterior segment examination <ul style="list-style-type: none"> • Conjunctiva • Sclera • Limbus • Cornea • Anterior chamber 	Examine systematically and identify the normal /abnormal findings and record correctly Enumerate the causes of abnormal findings(signs) Demonstrate methods of examination.	Dr. Sheldon
8	22/02/2019 (Friday)	Anterior segment examination <ul style="list-style-type: none"> • Iris • Pupil • Lens 	Examine systematically and identify the normal /abnormal findings and record correctly Enumerate the causes of abnormal findings(signs) Demonstrate methods of examination.	Dr. Rupali
9	23/02/2019 (Saturday)	IOP and sac syringing	Know normal IOP Enumerate tonometers and their advantagesand disadvantages Enumerate causes of low and high IOP Enumerate parts of lacrimal apparatus Demonstrate ROPLAS Enumerate indications of sac syringing Record findings of sac syringing.	Dr. Sheldon
10	25/02/2019 (Monday)	optics Retinoscopy, autorefractometer, subjective correction, PMT	Identify the retinoscopes Steps of retinoscopy How to record retinoscopy findings Know principles of refractive error correction Identify the convex and concave lenses and enumerate their uses	Dr. Rupali
11	26/02/2019 (Saturday)	Fundus examination Direct and indirect ophthalmoscopes	Identify the instruments and enumerate their uses Enumerate parts of retina (gross anatomy)	Dr. Sheldon
12		Internal assessment(20 marks) OSCE		Dr. Rupali

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**Department of Ophthalmology
February 2019
Under Graduate Teaching Schedule
Lecture Schedule**

Final Exam January 2020 Admission 2016

Sr. No	DATE	Topic	SLOS	Faculty Designation	Signature
1	05/02/2019 (Tuesday) 2pm To 3 Pm	Introduction & Anatomy of the eye embryology	a) Anatomy of the eye b) Draw diagram of the cross section eye ball and label accurately its various parts. c) Describe various parts of eye ball and their functions d) Vascular and nervous supply to the eye e) Embryology of the eye	Dr. Shubha Nagpal Prof. & HOD Dr. Varsha Kulkarni Prof.	
2	07/02/2019 (Thursday) 3pm To 4 Pm	Physiology of vision ➤ Vision ➤ Color vision ➤ Binocular single vision	a) Name the types of vision b) Enumerate the tests for vision c) Enumerate the types of visual pigments d) Describe the bleaching cascade e) Name the theories of colour vision f) Name the tests for colour vision g) Mention the grades of Binocular Single Vision	Dr. Tejaswini Khandgave Asso. Prof.	
3	12/02/2019 (Tuesday) 2pm To 3 Pm	Ocular Symptomatology		Dr. Deepa Muzumdar Asso. Prof.	
4	19/02/2019	Holiday	Shiv Jayanti		
5	21/02/2019 (Thursday) 3pm To 4 Pm	Examination of the eye	Systematic examination of the eye and adnexa	Dr. Sanjiv Agrawal Asso. Prof.	
6	26/02/2019 (Tuesday) 2pm To 3 Pm	Refractive errors – I ➤ Emmetropia ➤ Myopia ➤ Hypermetropia	• Define emmetropia • Describe the optics of the emmetropic eye • Define Myopia • Draw a ray diagram of myopia	Dr. Piyush Jain Asst. Prof.	

			<ul style="list-style-type: none">• Classify myopia• Mention 4 features of pathological myopia• Discuss the treatment modalities of myopia• Define Hypermetropia• Draw a ray diagram of hypermetropia• Classify Hypermetropia• Mention the treatment modalities of hypermetropia		
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