

A

**DEPARTMENT OF ENT**

**UG Training Programme**

<b>Semester</b>	<b>Faculty I/C</b>	<b>Faculty for Lectures</b>	<b>Faculty for Tutorials</b>
VI	Dr. G D Mahajan	Dr. James Thomas Dr. Mahajan Dr. Karodpati Dr. Girija Ghate Dr. Vinod Shinde Dr. Rashmi Prashant Dr. Paresh Chavan Dr. Mayur Ingale Dr. Aditi Moruskar	-

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Dr. G D Mahajan  
Departmental UG coordinator

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Dr. James Thomas  
Signature of HOD

**B**

**Lecture/ Tutorial Programme**

**Semester:** VI

**Faculty I/C:** Dr. G D Mahajan

**Faculty:** Dr. Thomas

Dr. Mahajan

Dr. Karodpati

Dr. Girija Ghate

Dr. Vinod Shinde

Dr. Rashmi Prashant

Dr. Paresch Chavan

Dr. Mayur Ingale

Dr. Aditi Moruskar

## LECTURE SCHEDULE

SR.	DATE	TOPIC	FACULTY
1.	03/01/2018	Introduction & Anatomy of the external ear (with embryology)	Dr. Mahajan
2.	04/01/2018	Anatomy of middle & inner ear	Dr. Karodpati
3.	10/01/2018	Physiology of the auditory system	Dr. Girija Ghate
4.	11/01/2018	Assessment of hearing and Audiometry	Dr. Vinod Shinde
5.	17/01/2018	Physiology of the vestibular system and equilibrium	Dr. Rashmi Prashant
6.	18/01/2018	Disorders of the vestibular system	Dr. Paresh Chavan
7.	24/01/2018	Diseases of the External ear	Dr. Mayur Ingale
8.	25/01/2018	ASOM and acute Mastoiditis	Dr. Aditi Moruskar
9.	31/01/2018	Eustachian tube dysfunction and serous otitis media	Dr. Mahajan
10.	07/02/2018	Chronic suppurative otitis media-tubotympanic disease	Dr. Karodpati
11.	08/02/2018	Chronic suppurative otitis media-Attico antral disease	Dr. Girija Ghate
12.	14/02/2018	Complications of otitis media	Dr. Vinod Shinde
13.	15/02/2018	Surgeries of the Mastoid	Dr. Rashmi Prashant
14.	21/02/2018	Otosclerosis	Dr. Paresh Chavan
15.	22/02/2018	Facial Nerve - I	Dr. Mayur Ingale
16.	28/02/2018	Facial Nerve - II	Dr. Aditi Moruskar
17.	01/03/2018	Conductive, Mixed and Sensorineural deafness	Dr. Mahajan
18.	07/03/2018	# temporal bone, CSF otorrhoea, Assessment of deaf-mute child	Dr. Karodpati
19.	08/03/2018	Tinnitus, Meniere's disease,	Dr. Girija Ghate
20.	14/03/2018	Acoustic neuroma	Dr. Vinod Shinde
21.	15/03/2018	Tumors of the middle ear & mastoid	Dr. Rashmi Prashant
22.	21/03/2018	Acoustic trauma, noise induced hearing loss and barotraumas	Dr. Paresh Chavan
23.	22/03/2018	Hearing aids Cochlear implants	Dr. Mayur Ingale
24.	28/03/2018	Anatomy of the neck & neck spaces and lymphatic drainage	Dr. Aditi Moruskar
25.	29/03/2018	Deep neck space infections	Dr. Mahajan
26.	04/04/2018	Thyroid gland anatomy and physiology	Dr. Karodpati
27.	05/04/2018	Thyroid swellings and surgeries	Dr. Girija Ghate
28.	11/04/2018	Metastatic neck disease and neck dissections	Dr. Vinod Shinde
29.	12/04/2018	Salivary glands	Dr. Rashmi Prashant
30.	18/04/2018	AIDS and Lasers in ENT	Dr. Paresh Chavan
31.	19/04/2018	Radiotherapy and chemotherapy	Dr. Mayur Ingale
32.	25/04/2018	Revision	Dr. Aditi Moruskar
33.	26/04/2018	Revision	Dr. Mahajan
34.	02/05/2018	Revision	Dr. Karodpati

**Semester I/C**  
**Dr. G D Mahajan**

**Signature of HOD**  
**Dr. James Thomas**

C

**Lesson Plan Schedule – Lectures**

SR. NO	DATE	TOPIC	LESSON PLAN
1.	03/01/2018	Introduction & Anatomy of the external ear (including brief embryology)	<ul style="list-style-type: none"> <li>a. Development</li> <li>b. Anatomy of Auricle</li> <li>c. Anatomy of EAC</li> <li>d. Nerve supply and blood supply.</li> </ul>
2.	04/01/2018	Anatomy of middle & inner ear	<ul style="list-style-type: none"> <li>a. Anatomy of middle ear cleft</li> <li>b. Tympanic membrane</li> <li>c. Anatomy of cochlea, vestibule and semicircular canals.</li> <li>d. Facial nerve</li> <li>e. Organ of corti</li> </ul>
3.	10/01/2018	Physiology of the auditory system	<ul style="list-style-type: none"> <li>a. Theories of hearing</li> <li>b. Mechanism of conduction of sound</li> <li>c. Transduction of sound energy into electrical energy</li> <li>d. Pathway of hearing</li> </ul>
4.	11/01/2018	Assessment of hearing and Audiometry	<ul style="list-style-type: none"> <li>a. Clinical assessment of hearing</li> <li>b. Pure tone Audiometry</li> <li>c. Different Audiological tests.</li> <li>d. Types of Hearing Loss.</li> </ul>
5.	17/01/2018	Physiology of the vestibular system and equilibrium	<ul style="list-style-type: none"> <li>a. Physiology of equilibrium.</li> <li>b. Role of semicircular canals</li> <li>c. Role of vestibule</li> <li>d. Endolymph and perilymph</li> </ul>
6.	18/01/2018	Disorders of the vestibular system	<ul style="list-style-type: none"> <li>a. Etiology</li> <li>b. Pathogenesis</li> <li>c. Classification</li> <li>d. Vestibulitis,BPPV</li> <li>e. Menieres Disease</li> </ul>
7.	24/01/2018	Diseases of the External ear	<ul style="list-style-type: none"> <li>a. Disorders of Auricle</li> <li>b. Disorders of EAC</li> <li>c. Otitis externa</li> <li>d. Keratosis obturans</li> <li>e. Bullous otitis externa</li> </ul>
8.	25/01/2018	ASOM and acute Mastoiditis	<ul style="list-style-type: none"> <li>a. Etiopathogenesis</li> <li>b. Stages</li> <li>c. Clinical features</li> <li>d. Management</li> </ul>

9.	31/01/2018	Eustachian tube dysfunction and serous otitis media	<ul style="list-style-type: none"> <li>a. Tests for ET function</li> <li>b. Etiology/Clinical features</li> <li>c. Management</li> <li>d. Sequelae &amp; complications</li> </ul>
10.	07/02/2018	Chronic suppurative otitis media-tubotympanic disease	<ul style="list-style-type: none"> <li>a. Etiopathogenesis</li> <li>b. Clinical features</li> <li>c. Types of central perforation</li> <li>d. Management</li> <li>e. Complications</li> </ul>
11.	08/02/2018	Chronic suppurative otitis media-Attico antral disease	<ul style="list-style-type: none"> <li>a. Etiology</li> <li>b. Pathogenesis</li> <li>c. Diagnosis/treatment</li> <li>d. Intratemporal and Intracranial complications</li> </ul>
12.	14/02/2018	Complications otitis media	<ul style="list-style-type: none"> <li>a. Factors influencing development of complications</li> <li>b. Pathways of spread</li> <li>c. Intratemporal</li> <li>d. Intracranial</li> </ul>
13.	15/02/2018	Surgeries of the Mastoid	<ul style="list-style-type: none"> <li>a. Incisions &amp; approaches</li> <li>b. Types</li> <li>c. Indications</li> <li>d. Postoperative complications</li> </ul>
14.	21/02/2018	Otosclerosis	<ul style="list-style-type: none"> <li>a. Etiology</li> <li>b. Pathogenesis</li> <li>c. Types</li> <li>d. Clinical features</li> <li>e. Management</li> </ul>
15.	22/02/2018	Facial Nerve - I	<ul style="list-style-type: none"> <li>a. Anatomy and course</li> <li>b. Surgical landmarks</li> <li>c. Clinical evaluation of facial nerve palsy</li> <li>d. Sunderland classification</li> </ul>
16.	28/02/2018	Facial Nerve - II	<ul style="list-style-type: none"> <li>a. Differences between UMN &amp; LMN palsy</li> <li>b. Causes</li> <li>c. Investigations &amp; treatment</li> <li>d. Complications</li> <li>e. Bell's palsy</li> </ul>

17.	01/03/2018	Conductive, Mixed and Sensorineural deafness	<ul style="list-style-type: none"> <li>a. Etiology and DD of conductive hearing loss</li> <li>b. Mixed hearing loss</li> <li>c. Etiology and DD of mixed hearing loss</li> <li>d. Sudden SN loss</li> </ul>
18.	07/03/2018	# temporal bone, CSF otorrhoea, Assessment of deaf-mute child	<ul style="list-style-type: none"> <li>a. Etiology</li> <li>b. Clinical features</li> <li>c. BERA</li> <li>d. Cochlear implant</li> <li>e. Rehabilitation</li> </ul>
19.	08/03/2018	Tinnitus, Meniere's disease,	<ul style="list-style-type: none"> <li>a. Tinnitus – Def, etiopathology</li> <li>b. Meniere's disease – Etiopathogenesis, clinical features, management</li> </ul>
20.	14/03/2018	Acoustic neuroma	<ul style="list-style-type: none"> <li>a. clinical features,</li> <li>b. investigations – role of CT/ MRI</li> <li>c. Surgeries</li> <li>d. Other modalities of treatment</li> </ul>
21.	15/03/2018	Tumors of the middle ear & mastoid	<ul style="list-style-type: none"> <li>a. Paragangliomas</li> <li>b. Carcinoma middle ear</li> <li>c. Clinical features</li> <li>d. Management</li> </ul>
22.	21/03/2018	Acoustic trauma, noise induced hearing loss and barotraumas	<ul style="list-style-type: none"> <li>a. Acoustic trauma – clinical features, management</li> <li>b. Noise induced hearing loss – Etiopathogenesis, management</li> <li>a. Barotrauma - Etiopathogenesis, clinical features, management</li> </ul>
23.	22/03/2018	Hearing aids and Cochlear implants	<ul style="list-style-type: none"> <li>a. Types of hearing aids</li> <li>b. Indications</li> <li>c. Selection of patient for cochlear implant</li> <li>d. Post-op speech therapy</li> </ul>
24.	28/03/2018	Anatomy of the neck and neck spaces including lymphatic drainage	<ul style="list-style-type: none"> <li>a. Anatomy of neck</li> <li>b. Deep neck spaces</li> <li>c. Superficial and deep cervical lymph nodes</li> </ul>
25.	29/03/2018	Deep neck infections	<ul style="list-style-type: none"> <li>a. Retropharyngeal abscess</li> <li>b. Parapharyngeal abscess</li> <li>c. Ludwig's angina</li> <li>d. Miscellaneous</li> </ul>
26.	04/04/2018	Thyroid gland anatomy and physiology	<ul style="list-style-type: none"> <li>a. Embryology of thyroid</li> <li>b. Anatomy of thyroid gland</li> <li>c. Physiology of thyroid gland</li> </ul>

27.	05/04/2018	Thyroid swellings and surgeries	<ul style="list-style-type: none"> <li>a. Benign thyroid swellings</li> <li>b. Malignancies of thyroid</li> <li>c. Surgeries of thyroid</li> <li>d. Complications of thyroid surgeries</li> </ul>
28.	11/04/2018	Metastatic neck disease and neck dissections	<ul style="list-style-type: none"> <li>a. Levels of lymph nodes</li> <li>b. Various incisions</li> <li>c. Indications</li> <li>d. Types</li> <li>e. Complications</li> </ul>
29.	12/04/2018	Salivary glands	<ul style="list-style-type: none"> <li>a. Submandibular gland – Anatomy, Physiology, Disorders, Tumours</li> <li>b. Parotid gland - Anatomy, Physiology, Disorders, Tumours</li> <li>c. Minor salivary glands</li> </ul>
30.	18/04/2018	AIDS and LASERs in ENT	<ul style="list-style-type: none"> <li>a. HIV in ENT</li> <li>b. Laser related physics</li> <li>c. Tissue effect</li> <li>d. Photodynamic therapy</li> </ul>
31.	19/04/2018	Radiotherapy and Chemotherapy	<ul style="list-style-type: none"> <li>a. Radiotherapy – Principles, Indications, Complications</li> <li>b. Chemotherapy – Various chemotherapeutic agents, Indications, Complications</li> </ul>
32.	25/04/2018	Revision	
33.	26/04/2018	Revision	
34.	02/05/2018	Revision	

**Faculty I/C**  
**Dr. G D Mahajan**

**D****Clinical Posting Schedule**

SR. NO.	SEM	BATCH	ROLL NOS	PERIOD		UNIT	UNIT I/C
				FROM	TO		
1.	VI	E	684-705	01/01/2018	30/01/2018	I	Dr. James Thomas
			706-727			II	Dr. G D Mahajan
2.	VI	F	728-749	31/01/2018	28/02/2018	I	Dr. James Thomas
			750-772			II	Dr. G D Mahajan
3.	VI	A	501-523	01/03/2018	31/03/2018	I	Dr. James Thomas
			524-546 Except 545			II	Dr. G D Mahajan
4.	VI	B	547-568 & 545	02/04/2018	02/05/2018	I	Dr. James Thomas
			569-592			II	Dr. G D Mahajan
5.	VI	C	593-614	03/05/2018	31/05/2018	I	Dr. James Thomas
			615-638			II	Dr. G D Mahajan
6.	VI	D	639-660	01/06/2018	30/06/2018	I	Dr. James Thomas
			661-683			II	Dr. G D Mahajan

**Dr. G D Mahajan**  
UG coordinator, Otorhinolaryngology

**Dr. James Thomas**  
HOD, Otorhinolaryngology