

**B.D.S FINAL YEAR**  
**SUBJECT: ORAL & MAXILLOFACIAL SURGERY**

Teaching Scheme				Credits	Examination Scheme				
Lect	Prac	Clinical	Total		External		Sessional		Total
					Theory	Pract	Theory	Pract	
78	-	370	448		1	1	3	3	8

**A. COURSE OVERVIEW**

To produce a graduate who is competent in performing extraction of teeth under both local and general anaesthesia, prevent and manage related complications, acquire a reasonable knowledge and understanding of the various diseases, injuries, infections occurring in the Oral & Maxillofacial region and offer solutions to such of those common conditions and has an exposure in to the in-patient management of maxillofacial problems

**B. COURSE CONTENT**

NO	TOPIC	L+C (hrs)	CLs
1	Introduction, definition, scope, aims and objectives	2+12	CL1
2	Diagnosis in oral surgery	3+12	CL2, CL3
3	Principles of infection control and cross-infection control with particular reference to HIV/AIDS and Hepatitis.	2+16	CL4
4	Principles of Oral Surgery	2+18	CL1, CL4
5	Exodontia: General considerations	4+18	CL5
6	Impacted teeth	4+18	CL4, CL5
7	Pre-prosthetic Surgery:	2+16	CL1, CL,2 CL4, CL5
8	Diseases of the maxillary sinus	3+18	CL1, CL2 CL4, CL5
9	Disorders of T.M. Joint	4+20	CL1, CL2, CL4, CL5
10	Infections of the Oral cavity	4+15	CL1, CL2, CL3, CL4, CL5
11	Benign cystic lesions of the jaws	3+15	CL1, CL2, CL3, CL4
12	Tumours of the Oral cavity	3+18	CL1, CL3 CL4, CL5
13	Fractures of the jaws	8+20	CL1, CL2, CL3, CL4
14	Salivary gland diseases	3+16	CL1, CL2, CL3, CL4
15	Jaw deformities	4+14	CL1, CL3
16	Neurological disorders -	3+12	CL1, CL5, CL6

17	Cleft Lip and Palate	2+10	CL1, CL5, CL6
18	Medical Emergencies in dental practice	4+18	CL4
19	Emergency drugs & Intra muscular I.V. Injections	2+18	CL6
20	Oral Implantology	3+20	CL4
21	Ethics	4+16	CL1, CL5
22	LOCAL ANAESTHESIA	5+18	CL1, CL5
23	GENERAL ANAESTHESIA	4+12	CL1, CL6

### C. TEXT BOOKS

### D. REFERENCE BOOKS

1. ALLING JOHN F & ET AL; IMPACTED TEETH, 1S EDITION, SAUNDERS , 1993.
2. PETERSON LJ & ET AL; PRINCIPLES OF ORAL AND MAXILLOFACIAL SURGERY; VOL.1,2 & 3, 3RD EDITION, B.C DECKER PUBLICATIONS, 2012.
3. MALAMED SF; HANDBOOK OF MEDICAL EMERGENCIES IN THE DENTAL OFFICE, 7TH EDITION, MOSBY, 2014.
4. BANKS P; KILLEYS FRACTURES OF THE MANDIBLE, 4TH EDITION, VARGHESE PUBLISHING HOUSE, 2018.
5. BANKS P; KILLEYS FRACTURES OF THE MIDDLE 3RD OF THE FACIAL SKELETON, SUBSEQUENT EDITION, JOHN WRIGHT, 1998.
6. SEWARD GR & ET AL; KILLEY AND KAYS -OUTLINE OF ORAL SURGERY – PART-1,BUTTERWORTH-HEINEMANN LTD., 1987.
7. MC CARTHY FM; ESSENTIALS OF SAFE DENTISTRY FOR THE MEDICALLY COMPROMISED PATIENTS, SAUNDERS, 1989.
8. HOWE, GL; EXTRACTION OF TEETH, 2ND EDITION, BUTTERWORTH-HEINEMANN LTD., 1974.
9. HOWE, GL; MINOR ORAL SURGERY, 3ND EDITION, BUTTERWORTH-HEINEMANN LTD., 1985.

## E. COMPETENCY LEVEL

CL Number	Skill	Statement
<b>CL1</b>	Knowledge	<ul style="list-style-type: none"> <li>• Adequate knowledge of the development, structure and function of the teeth, mouth and jaws and associated tissues both in health and disease and their relationship and effect on general state of health and also bearing on physical and social well-being of the patient.</li> </ul>
<b>CL2</b>	Investigations	<ul style="list-style-type: none"> <li>• Competent to take intra-oral radiographs and interpret the radiographic findings and adequate knowledge about common laboratory investigations and interpretation of their results</li> </ul>
<b>CL3</b>	Patient Care: Diagnosis	<ul style="list-style-type: none"> <li>• Should have acquired the skill to examine any patient with a basic oral surgical problem in an orderly manner</li> <li>• Get familiarized with concepts of osseointegration and basic surgical aspects of implantology</li> </ul>
<b>CL4</b>	Patient Care: Treatment planning	<ul style="list-style-type: none"> <li>• Ethically Integrate multiple disciplines into an individual comprehensive sequence treatment plan using diagnostic and prognostic information</li> </ul>
<b>CL5</b>	Patient Care: Treatment	<ul style="list-style-type: none"> <li>• Should be competent in the extraction of the teeth under both local and general anaesthesia</li> <li>• Competent to carry out certain minor oral surgical procedure under LA like trans-alveolar extraction, frenectomy, dentoalveolar procedures, simple impaction, biopsy, dental emergencies,etc.</li> </ul>
<b>CL6</b>	Research and Innovation	<ul style="list-style-type: none"> <li>• Upgradation of knowledge and skill from time to time, familiarize with new concept and equipment in oral and maxillofacial surgery.</li> </ul>
<b>CL7</b>	Evidence Based Learning	<ul style="list-style-type: none"> <li>• Consolidate all the above mentioned major competencies acquired during the course and integrate newer evidence based knowledge in displaying expertise in the science of ORAL &amp; MAXILLOFACIAL SURGERY</li> </ul>

PSO1	Diagnosis	Able to ethically diagnose various common dental problems encountered in general dental practice, keeping in mind the expectations and the right of the society.
PSO2	Investigations	Competent to take intra-oral radiographs and interpret the radiographic findings and adequate knowledge about common laboratory investigations and interpretation of their results
PSO3	TREATMENT	Competent to assess, prevent and manage primary care and common complications that arise during and after minor oral surgery

## PROGRAM SPECIFIC OUTCOME (PSO)

### F. COURSE MATRIX

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO10	PO 11	PO 12	PO 13	PO 14	PO 15	PS O1	PS O 2	PS O3
<b>CL1</b>	3	3	3	1	3	1	2	1	1	1	1	1	1	1	1	3	2	2
<b>CL2</b>	2	2	2	2	2	2	2	3	1	2	2	1	1	1	1	3	3	2
<b>CL3</b>	2	2	2	3	2	3	2	2	3	2	2	2	2	1	1	3	2	2
<b>CL4</b>	2	2	2	2	2	3	2	2	3	3	3	3	3	3	3	3	3	3
<b>CL5</b>	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	3	3	3
<b>CL6</b>	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2
<b>CL7</b>	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>Avg</b>	<b>2.3</b>	<b>2.3</b>	<b>2.3</b>	<b>2.1</b>	<b>2.3</b>	<b>2.3</b>	<b>2.3</b>	<b>2.1</b>	<b>2.1</b>	<b>2.1</b>	<b>2.1</b>	<b>2.0</b>	<b>2.0</b>	<b>1.9</b>	<b>1.9</b>	<b>3.0</b>	<b>2.6</b>	<b>2.4</b>

