

SECTION-3
CHAPTER-3
3.3 ORAL PATHOLOGY AND MICROBIOLOGY

3.3.1.a AIM:

The dental students should acquire complete knowledge of embryology, anatomy and physiology of hard and soft tissues of oral and paraoral region and to train dental graduates so as to ensure competence and necessary skills in the diagnosis and prevention of dental and oral diseases.

3.3.1.b OBJECTIVES:

i) Knowledge And Understanding:

Adequate knowledge about the morphology of the teeth.

Adequate knowledge about histology of teeth and other oral structures.

Adequate knowledge of the embryology, development of face, tooth and salivary glands.

Understanding the etiopathogenesis of oral potential malignant disorders and oral cancer.

Understanding the etiopathogenesis of various oral lesions and developmental anomalies.

Understanding the basics of the histopathologic techniques.

ii) Skill:

Able to carve teeth of permanent dentition

Able to diagnose oral lesions based on histopathological features.

Able to differentiate the normal from abnormal tissues based on macro and microscopic features

Develop the skill of preparing and interpretation of ground section of teeth

iii) Attitudes:

1. Maintain a high standard of professional ethics and conduct and apply these in all aspects of professional life
2. Apply the current knowledge of etiopathogenesis of the oral lesions for their diagnosis in general clinical practice
3. To apply the knowledge of morphology of the teeth in the clinical practice of restorative dentistry
4. To help and to participate in the implementation of oral potential malignant disorders and oral cancer screening surveys and camps.

3.3.1.c OUTCOMES:

At the end of the course the student should be able to do definite diagnosis and treatment competently.

The student should be able to make decision about higher education related to research pertaining to oral pathology.

The student should be able to refer the cases properly to the concern discipline.