

Oral Pathology and Microbiology – Post Graduate Curriculum

The postgraduate curriculum for the Master of Dental Surgery (MDS) in Oral Pathology and Oral Microbiology in India is governed by the Dental Council of India (DCI) under the MDS Course Regulations, 2017. These regulations outline the comprehensive framework for the course, encompassing applied basic sciences, specialized subjects, clinical training, research, and evaluation methods.

Key Components of the Curriculum

1. Applied Basic Sciences

The foundational subjects include:

- General and Oral Anatomy and Histology
- General and Oral Physiology
- General and Oral Biochemistry
- General and Oral Pathology
- General and Oral Microbiology
- General Medicine and Surgery

These subjects provide the essential knowledge base for understanding the pathophysiology of oral diseases.

2. Specialty Subjects

Focused training is provided in:

- Oral and Maxillofacial Pathology
- Oral Microbiology and Immunology
- Forensic Odontology.

The curriculum emphasizes the diagnosis and management of oral diseases, integrating histopathological, microbiological, and molecular techniques.

3. Clinical Training and Laboratory Work

Students engage in:

- Histopathological examination of oral tissues
- Microbiological analysis related to oral infections

- Immunological assessments
- Forensic case evaluations

This hands-on experience is crucial for developing diagnostic proficiency.

4. Research and Dissertation

A significant component involves conducting original research leading to a dissertation. This process cultivates analytical skills and contributes to the advancement of the field.

5. Evaluation and Examinations

Assessment methods include:

- Periodic internal evaluations
- Theory examinations
- Practical and clinical assessments
- Viva voce (oral examinations)