

# Babu Banarasi Das University Lucknow

## Master of Dental Surgery

### Ist,IIInd,IIIrd Year

Course Code	Course Name	Course Outcomes (CO)
MDS 22 (CONSERVATIVE DENTISTRY AND ENDODONTICS)	MDS	CO1. Perform all levels of restorative work, surgical and non-surgical Endodontics as well as endodontic-periodontal surgical procedures as part of multidisciplinary approach to clinical condition. CO2. Adopt ethical principles in all aspects of restorative, esthetic and contemporary Endodontics including non-surgical and surgical Endodontics. CO3. Develop communication skills in particular to explain various options available for management and to obtain a true informed consent from the patient.
MDS 23 (ORAL & MAXILLOFACIAL SURGERY)	MDS	CO1. Understanding of basic sciences relevant to practice of oral and maxillofacial surgery CO2. To have understood the general surgical principles like pre and post surgical management, particularly evaluation, post surgical care, fluid and electrolyte management, blood transfusion and post surgical pain management. CO3. Understanding of basic sciences relevant to practice of oral and maxillofacial surgery CO4. Capable of providing care for maxillofacial surgery patients.
MDS 24 (ORAL MEDICINE AND RADIOLOGY)	MDS	CO1.The student would be proficient in physicalexamination of the patient, identification of normal and abnormal functioning of the various systems of the body. CO2.The student would be proficient in detailed physical examination of the oral and paraoral structures, identification of pathologies and techniques involved in conventional and advanced diagnostic radiographic examination. CO3. The student would be proficient in describing the etiology, pathophysiology, principles of diagnosis and management of common oro facial disorders & the student would be proficient in formulating a differential diagnosis and investigations plan and frame the treatment strategy. CO4. The student would be proficient ineffectively and freely analyzing the problem presented by recalling factually. The student would be an expert at synthesizing ideas and rendering a suitable opinion of the problem presented.
MDS 25 (ORAL PATHOLOGY )	MDS	CO1. Understand the normal morphophysiological functions of the human body and co-relate clinical features of various pathologies of the oral and para-oral structures. CO2. To understand the detailed pathogenesis and molecular basis of head and neck pathologies and their histopathological features and thereby to arrive at a final diagnosis. CO3. To understand and carry out conventional and advanced cytological, hematological and histopathological techniques. CO4. To be proficient in methodologically analysing the problem, to correlate various aspects and to arrive at a final diagnosis as a part of providing solution to the problem presented.
MDS 26 (ORTHODONTICS & DENTAL ORTHOPAEDICS)	MDS	CO1. The dynamic interaction of biologic processes involved in growth of craniofacial region and effect on the stomatognathic system. CO2. The etiology, pathophysiology and diagnosis of various common othodontic problems, understanding of skeletal and dental discrepancies and their treatment by different treatment modalities in fixed orthodontics CO3. Biomechanics involved in Treatment for various common orthodontic problems.
MDS 27 (PAEDIATRIC & PREVENTIVE DENTISTRY)	MDS	CO1. Understanding the various parameters of growth and development in children and adolescents including those with special health care needs. CO2. Efficiently understanding the psychology of patients of the pediatric age group and guiding their behaviour to instill a positive dental attitude. CO3. Reaching to an accurate diagnosis, preventive stratigies and effective treatment planning for management of various oral health procedures.
MDS 28 (PERIODONTOLOGY)	MDS	CO1. Describe etiology, pathogenesis, diagnosis and management of common periodontal diseases. CO2. Familiarize with the biochemical, microbiologic and immunologic genetic aspects of periodontal pathology. CO3 should be able to describe various treatment modalities of Periodontal diseases from historical aspect to currently available once. CO4. Should be able to decide upon the surgical or non surgical management of the case.
MDS 29 (PROSTHODONTICS AND CROWN & BRIDGE)	MDS	CO1. Possess knowledge about applied basic and systematic medical sciences and able to examine the patient requiring prosthodontic therapy, investigate the patient and analysis the investigation results. CO2. Possess knowledge about age changes and aged related to removal prosthodontics and oral implantology and restore lost functions of stomoganathic system namely mastication speech and appearance by removable prosthesis. CO3. Understand the prevalence and prevention of diseases of craniomandibular system related to fixed prosthetic dentistry and adopt new methods and techniques in fixed prosthodontics from time to time based on scientific research which is in patients best interest. CO4. Procedure and operative skills needed in masters degree in prosthodontics and possess comprehensive knowledge and the ability to apply the same in all the sub branches of prosthodontics in toto.
MDS 30 (PUBLIC HEALTH DENTISTRY)	MDS	CO1. Understand basic problem in a community. CO2. To implimnet prevetive procedures. CO3. Organise programmes to increase awareness and apply knowledge to improve oral health.