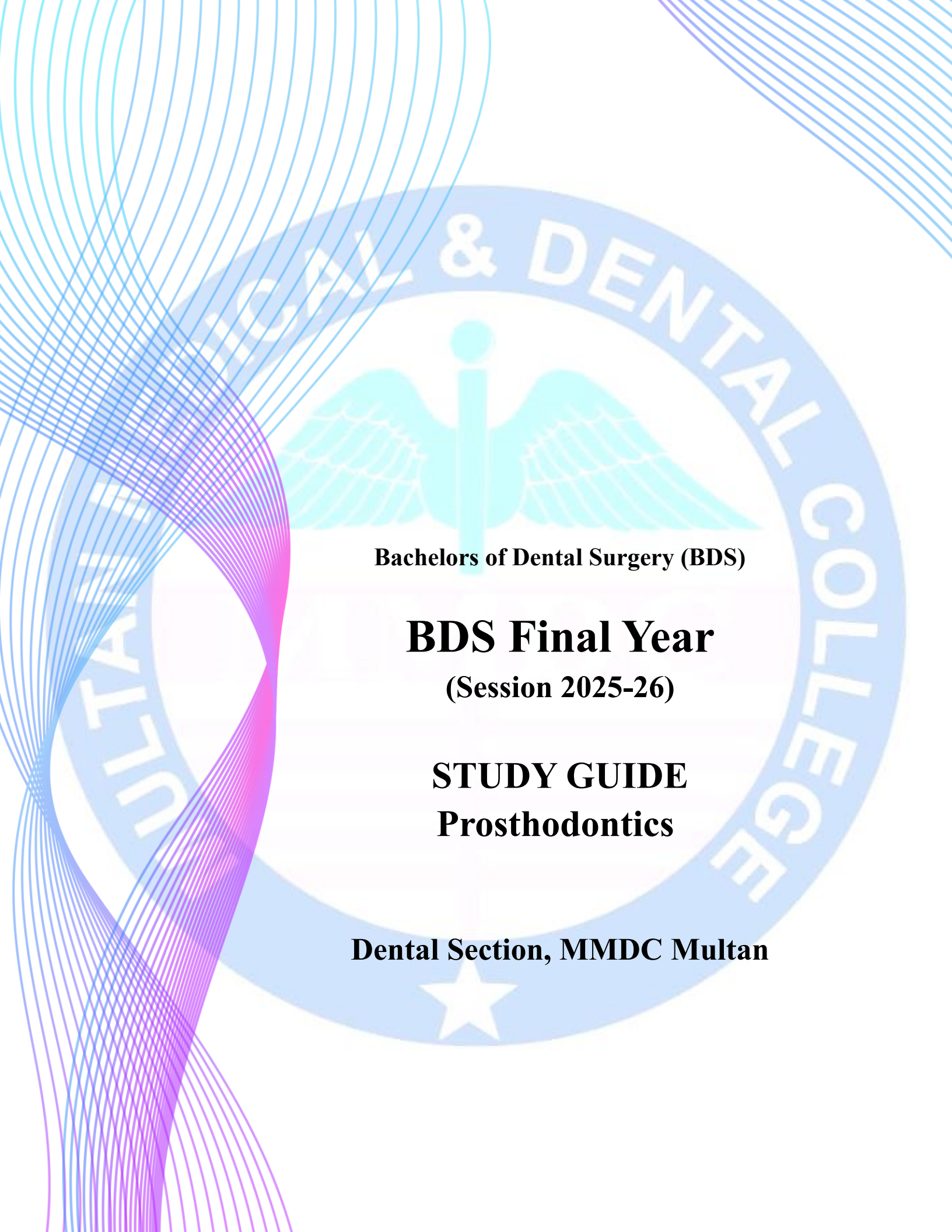




Bachelors of Dental Surgery (BDS)

BDS Final Year

(Session 2025-26)

STUDY GUIDE

Prosthodontics

Dental Section, MMDC Multan

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MISSION AND VISION OF UHS

Vision Statement:

UHS is a leading university aiming to keep its graduates apt with the ever-emerging global health challenges, evolving educational methodologies and emerging technological advancements to maintain its distinguishable position as a medical university.

Mission Statement:

UHS shall continue to strive for producing a human resource par at excellence to cater for the health needs of the people of Punjab and Pakistan.

MISSION AND VISION OF MMDC

(Dental Section) MMDC Vision

To be a leading dental institution in South Punjab, recognized for excellence in education, research, and healthcare services, while developing competent and compassionate healthcare professionals and addressing health disparities through research and community-focused initiatives.

(Dental Section) MMDC Mission

To produce professionally competent and ethical dental graduates equipped with knowledge, clinical skills and technological competence to address emerging global health challenges through research, innovative educational approaches and lifelong learning.



PROGRAM OUTCOME

The students of Bachelor of Dental Surgery (BDS) of MMDC at the end of the program will be able to:

- Dental Graduates will apply the knowledge, skills and technological competencies to practice dentistry in primary care setting and provide comprehensive patient care.
- The graduates will promote dental health care within the community, utilizing the latest research, critical thinking and making evidence informed decisions and apply relevant evidence to address emerging oral and global health challenges.
- Dental graduates will uphold professional values and demonstrate emotional intelligence, social responsibility, and engage in lifelong learning, leadership, and innovation.



LIST OF ABBREVIATION

Abbreviation	Full Form
BDS	Bachelor of Dental Surgery
UHS	University of Health Sciences
MMDC	Multan Medical & Dental College
MIT	Mode of Information Transfer
AT	Assessment Tool
T&L	Teaching and Learning
RAS	Recurrent Aphthous Stomatitis
TMJ	Temporomandibular Joint
TMD	Temporomandibular Disorders
TMPDS	Temporomandibular Pain-Dysfunction Syndrome
OSCE	Objective Structured Clinical Examination
OSPE	Objective Structured Practical Examination
LGIS	Large Group Interactive Session
OMFS	Oral and Maxillofacial Surgery



RATIONALE FOR PROSTHODONTICS — BDS FINAL YEAR

- Prosthodontics trains students in the replacement of missing teeth and associated oral structures, addressing one of the most common and functionally significant needs in dental practice — restoring mastication, speech, and facial aesthetics for partially or completely edentulous patients.
- Grounding in applied oral anatomy and physiology, combined with a thorough medical history and general/local examination, ensures students approach prosthodontic treatment through sound diagnosis, prognosis, and treatment planning rather than by rote technique.
- Study of partial dentures — their classification, indications, components, and the use of surveyors in design — teaches students to make individualised design decisions that balance function, retention, and preservation of remaining natural teeth and supporting structures.
- Comprehensive training in complete dentures — from patient assessment and pre-prosthetic surgical needs through impression techniques, maxillo-mandibular relations, tooth selection, and insertion — equips students to manage the full clinical pathway for edentulous patients, including realistic management of patient expectations.
- Understanding of over-dentures, immediate dentures, and the repair, relining, and rebasing of existing prostheses prepares students to handle the full spectrum of restorative situations, not only new denture fabrication but also the maintenance and adaptation of prostheses over a patient's lifetime.
- Exposure to prosthetics for dental implants and maxillofacial prostheses connects students to advancing areas of restorative and reconstructive dentistry, broadening their understanding beyond conventional removable prosthodontics.
- Review of the dental materials used in prosthodontics builds the material-science foundation students need to select appropriate materials and anticipate their clinical behaviour and limitations.
- Clinical assignments in partial and complete denture construction give students hands-on, supervised experience managing real patients from diagnosis through insertion and follow-up, converting theoretical knowledge into the practical competence required for safe, patient-centred prosthodontic care after graduation.



ACADEMIC SCHEDULE OF BDS 3RD YEAR

Class Commencement	11 May 2026
1 st Term Examination	14 September – 21 September
2 nd Term Examination	16 November – 23 November
Sendup Examination	



TIME TABLE



DENTAL SECTION, MULTAN MEDICAL & DENTAL COLLEGE, MULTAN

Time Table For Final Year BDS (Session 2026)

Day / Time	08:30-09:30	09:30-10:20	10:20-11:10	11:10-12:00	12:00-12:50	12:50-01:20	01:20-02:10	02:10-03:00
Monday	Test	Test	Interactive Lecture Oral Surgery	Clinical	Clinical	Lunch & Namaz Break	Clinical	Interactive Lecture Orthodontics
Tuesday	Interactive Lecture Prosthodontics	Interactive Lecture Oral Surgery	Clinical	Clinical	Clinical	Lunch & Namaz Break	Clinical	Interactive Lecture Operative Dentistry
Wednesday	Interactive Lecture Operative Dentistry	Interactive Lecture Orthodontics	Clinical	Clinical	Clinical	Lunch & Namaz Break	Clinical	Interactive Lecture Prosthodontics
Thursday	Interactive Lecture Orthodontics	Interactive Lecture Pedodontics	Clinical	Clinical	Clinical	Lunch & Namaz Break	Interactive Lecture Research	Interactive Lecture Oral Surgery
Friday	Test	Interactive Lecture Prosthodontics	Interactive Lecture Operative Dentistry	Clinical	Clinical	Lunch & Jumma Namaz Break	Interactive Lecture Behavioral Sciences	Interactive Lecture ICT



COURSE SEQUENCE - PROSTHODONTICS

Day	Date	Time	Subject	Topic	Facilitator Name
Tuesday	12-05-2026	08:30-09:30	CBL Prosthodontics	Introduction to Prosthodontics	Dr. Nadia Wajdan
Wednesday	13-05-2026	02:10-03:00	Lecture Prosthodontics	Edentulous State	Dr. Sohaib Noor
Friday	15-05-2026	09:30-10:20	Lecture Prosthodontics	Effects of Aging, TMD	Dr. Sohaib Noor
Monday	18-05-2026	09:30-10:20	Test Prosthodontics		
Tuesday	19-05-2026	08:30-09:30	CBL Prosthodontics	Systemic Health Aspects and Nutritional Guidelines	Dr. Nadia Wajdan
Wednesday	20-05-2026	02:10-03:00	Lecture Prosthodontics	Sequelae Caused by Wearing Complete Dentures	Dr. Sohaib Noor
Friday	22-05-2026	09:30-10:20	Lecture Prosthodontics	History, Examination, Diagnosis and Treatment Planning	Dr. Nadia Wajdan
Tuesday	02-06-2026	08:30-09:30	Lecture Prosthodontics	Anatomical Landmarks of Mandible	Dr. Nadia Wajdan
Wednesday	03-06-2026	02:10-03:00	Lecture Prosthodontics	Anatomical Landmarks of Maxilla & Posterior Palatal Seal	Dr. Sohaib Noor
Friday	05-06-2026	08:30-09:30	Test Prosthodontics		
Friday	05-06-2026	09:30-10:20	Lecture Prosthodontics	Improving Denture Bearing Areas for Edentulous Patients	Dr. Nadia Wajdan
Tuesday	09-06-2026	08:30-09:30	Lecture Prosthodontics	Impression Theories	Dr. Nadia Wajdan



Wednesday	10-06-2026	02:10-03:00	Lecture Prosthodontics	Impression Materials	Dr. Sohaib Noor
Friday	12-06-2026	09:30-10:20	Lecture Prosthodontics	Occlusal Rims and Record Blocks	Dr. Nadia Wajdan
Monday	13-07-2026	08:30-09:30	Test Prosthodontics		
Tuesday	14-07-2026	08:30-09:30	Lecture Prosthodontics	Definitions & Introduction of Maxillo Mandibular Relation	Dr. Nadia Wajdan
Wednesday	15-07-2026	02:10-03:00	Lecture Prosthodontics	Vertical Relation	Dr. Sohaib Noor
Friday	17-07-2026	09:30-10:20	Lecture Prosthodontics	Orientation Relation	Dr. Nadia Wajdan
Monday	20-07-2026	09:30-10:20	Test Prosthodontics		
Tuesday	21-07-2026	08:30-09:30	Lecture Prosthodontics	Definitions & Introduction of Maxillo Mandibular Relation	Dr. Nadia Wajdan
Wednesday	22-07-2026	02:10-03:00	Lecture Prosthodontics	Vertical Relation	Dr. Sohaib Noor
Friday	24-07-2026	09:30-10:20	Lecture Prosthodontics	Orientation Relation	Dr. Nadia Wajdan
Tuesday	28-07-2026	08:30-09:30	Lecture Prosthodontics	Definitions & Introduction of Maxillo Mandibular Relation	Dr. Nadia Wajdan
Wednesday	29-07-2026	02:10-03:00	Lecture Prosthodontics	Vertical Relation	Dr. Sohaib Noor
Friday	31-07-2026	08:30-09:30	Test Prosthodontics		
Friday	31-07-2026	09:30-10:20	Lecture Prosthodontics	Orientation Relation	Dr. Nadia Wajdan
Tuesday	04-08-2026	08:30-09:30	Lecture Prosthodontics	Eccentric Relation	Dr. Nadia Wajdan
Wednesday	05-08-2026	02:10-03:00	Lecture Prosthodontics	Centric Relation	Dr. Sohaib Noor
Friday	07-08-2026	09:30-10:20	Lecture Prosthodontics	Articulators	Dr. Sohaib Noor



Tuesday	11-08-2026	08:30-09:30	Lecture Prosthodontics	Selection of Teeth	Dr. Nadia Wajdan
Wednesday	12-08-2026	02:10-03:00	Lecture Prosthodontics	Theories of Occlusion	Dr. Sohaib Noor
Monday	17-08-2026	09:30-10:20	Prosthodontics		
Tuesday	18-08-2026	08:30-09:30	Lecture Prosthodontics	Arrangement of Teeth	Dr. Nadia Wajdan
Wednesday	19-08-2026	02:10-03:00	Lecture Prosthodontics	Trial of Denture	Dr. Sohaib Noor
Friday	21-08-2026	09:30-10:20	Lecture Prosthodontics	Speech Considerations	Dr. Nadia Wajdan
Tuesday	25-08-2026	02:10-03:00	Lecture Prosthodontics	Insertion	Dr. Sohaib Noor
Friday	28-08-2026	08:30-09:30	Prosthodontics		
Friday	28-08-2026	09:30-10:20	Lecture Prosthodontics	Post Insertion and Follow Up	Dr. Nadia Wajdan
Tuesday	01-09-2026	08:30-09:30	Lecture Prosthodontics	Single Dentures	Dr. Nadia Wajdan
Wednesday	02-09-2026	02:10-03:00	Lecture Prosthodontics	Overdentures	Dr. Sohaib Noor
Friday	04-09-2026	09:30-10:20	Lecture Prosthodontics	Immediate Dentures	Dr. Sohaib Noor
Tuesday	08-09-2026	08:30-09:30	Lecture Prosthodontics	Relining Rebasings and Repair	Dr. Nadia Wajdan
Wednesday	09-09-2026	02:10-03:00	Lecture Prosthodontics	Immediate Dentures	Dr. Sohaib Noor
Friday	11-09-2026	09:30-10:20	Lecture Prosthodontics	Copy Dentures	Dr. Nadia Wajdan
Friday	18-09-2026	09:00-12:00	Prosthodontics		
Tuesday	22-09-2026	08:30-09:30	CBL Prosthodontics	Maxillofacial Prosthodontics	Dr. Nadia Wajdan
Wednesday	23-09-2026	02:10-03:00	Lecture Prosthodontics	Implants	Dr. Sohaib Noor
Friday	25-09-2026	09:30-10:20	Lecture Prosthodontics	Introduction To Removable Partial Dentures (RPD)	Dr. Nadia Wajdan
Monday	28-09-2026	08:30-09:30	Test Prosthodontics		
Tuesday	29-09-2026	08:30-09:30	CBL Prosthodontics	Maxillofacial Prosthodontics	Dr. Nadia Wajdan
Wednesday	30-09-2026	02:10-03:00	Lecture Prosthodontics	Implants	Dr. Sohaib Noor



Friday	02-10-2026	09:30-10:20	Lecture Prosthodontics	Introduction To Removable Partial Dentures (RPD)	Dr. Nadia Wajdan
Monday	05-10-2026	09:30-10:20	Test Prosthodontics		
Tuesday	06-10-2026	08:30-09:30	Lecture Prosthodontics	Classification & Applegate's Rules of RPD	Dr. Nadia Wajdan
Wednesday	07-10-2026	02:10-03:00	Lecture Prosthodontics	Interim and Special Removable Partial Dentures	Dr. Sohaib Noor
Friday	09-10-2026	09:30-10:20	Lecture Prosthodontics	Biomechanics of RPD	Dr. Nadia Wajdan
Tuesday	13-10-2026	08:30-09:30	Lecture Prosthodontics	Classification & Applegate's Rules of RPD	Dr. Nadia Wajdan
Wednesday	14-10-2026	02:10-03:00	Lecture Prosthodontics	Interim and Special Removable Partial Dentures	Dr. Sohaib Noor
Friday	16-10-2026	08:30-09:30	Test Prosthodontics		
Friday	16-10-2026	09:30-10:20	Lecture Prosthodontics	Biomechanics of RPD	Dr. Nadia Wajdan
Tuesday	20-10-2026	08:30-09:30	Lecture Prosthodontics	Diagnosis and Treatment Planning	Dr. Nadia Wajdan
Wednesday	21-10-2026	02:10-03:00	Lecture Prosthodontics	Major Connectors of Maxilla	Dr. Sohaib Noor
Friday	23-10-2026	09:30-10:20	Lecture Prosthodontics	Major Connectors of Mandible	Dr. Sohaib Noor
Monday	26-10-2026	08:30-09:30	Test Prosthodontics		
Tuesday	27-10-2026	08:30-09:30	Lecture Prosthodontics	Preparation of Mouth for RPD	Dr. Nadia Wajdan
Wednesday	28-10-2026	02:10-03:00	Lecture Prosthodontics	Minor Connectors	Dr. Sohaib Noor
Friday	30-10-2026	09:30-10:20	Lecture Prosthodontics	Preparation of Abutment for RPD	Dr. Nadia Wajdan
Monday	02-11-2026	09:30-10:20	Test Prosthodontics		



Tuesday	03-11-2026	08:30-09:30	Lecture Prosthodontics	Rests And Rest Seats	Dr. Nadia Wajdan
Wednesday	04-11-2026	02:10-03:00	Lecture Prosthodontics	Direct Retainers	Dr. Sohaib Noor
Friday	06-11-2026	09:30-10:20	Lecture Prosthodontics	Direct Retainers	Dr. Sohaib Noor
Tuesday	10-11-2026	08:30-09:30	Lecture Prosthodontics	Indirect Retainers	Dr. Nadia Wajdan
Wednesday	11-11-2026	02:10-03:00	Lecture Prosthodontics	Denture Base Considerations	Dr. Sohaib Noor
Friday	13-11-2026	09:30-10:20	Lecture Prosthodontics	Principles of Removable Partial Denture Design	Dr. Nadia Wajdan
Friday	20-11-2026	09:00-12:00	Prosthodontics		
Tuesday	24-11-2026	08:30-09:30	CBL Prosthodontics	Surveying	Dr. Nadia Wajdan
Wednesday	25-11-2026	02:10-03:00	Lecture Prosthodontics	Impression Materials and Procedures for RPD	Dr. Sohaib Noor
Friday	27-11-2026	09:30-10:20	Lecture Prosthodontics	Surveying	Dr. Nadia Wajdan
Monday	30-11-2026	08:30-09:30	Test Prosthodontics		
Tuesday	01-12-2026	08:30-09:30	CBL Prosthodontics	Surveying	Dr. Nadia Wajdan
Wednesday	02-12-2026	02:10-03:00	Lecture Prosthodontics	Impression Materials and Procedures for RPD	Dr. Sohaib Noor
Friday	04-12-2026	09:30-10:20	Lecture Prosthodontics	Surveying	Dr. Nadia Wajdan
Monday	07-12-2026	09:30-10:20	Test Prosthodontics		
Tuesday	08-12-2026	08:30-09:30	Lecture Prosthodontics	Support for the Distal Extension Denture Base	Dr. Nadia Wajdan
Wednesday	09-12-2026	02:10-03:00	Lecture Prosthodontics	Occlusal Relationships for Removable Partial Dentures	Dr. Sohaib Noor
Friday	11-12-2026	09:30-10:20	Lecture Prosthodontics	Selection of Artificial Teeth	Dr. Nadia Wajdan



Tuesday	15-12-2026	08:30-09:30	Lecture Prosthodontics	Arrangement of Artificial Teeth	Dr. Nadia Wajdan
Wednesday	16-12-2026	02:10-03:00	Lecture Prosthodontics	Insertion of RPD, Post Insertion	Dr. Sohaib Noor
Friday	18-12-2026	08:30-09:30	Test Prosthodontics		
Friday	18-12-2026	09:30-10:20	Lecture Prosthodontics	Relining & Rebasing, The RPD	Dr. Nadia Wajdan
Tuesday	22-12-2026	08:30-09:30	Lecture Prosthodontics	Repair & Additions to RPD	Dr. Nadia Wajdan
Wednesday	23-12-2026	02:10-03:00	Lecture Prosthodontics	Relining & Rebasing, The RPD	Dr. Sohaib Noor
Friday	25-12-2026	09:30-10:20	Lecture Prosthodontics	Relining & Rebasing, The RPD	Dr. Sohaib Noor
Monday	28-12-2026	08:30-09:30	Test Prosthodontics		
Tuesday	29-12-2026	08:30-09:30	Lecture Prosthodontics	Relining & Rebasing, The RPD	Dr. Nadia Wajdan
Wednesday	30-12-2026	02:10-03:00	Lecture Prosthodontics	Selection of Artificial Teeth	Dr. Sohaib Noor
Friday	01-01-2027	09:30-10:20	Lecture Prosthodontics	Selection of Artificial Teeth	Dr. Sohaib Noor
Monday	04-01-2027	09:30-10:20	Test Prosthodontics		
Tuesday	05-01-2027	08:30-09:30	Lecture Prosthodontics	Selection of Artificial Teeth	Dr. Nadia Wajdan
Wednesday	06-01-2027	02:10-03:00	Lecture Prosthodontics	Arrangement of Artificial Teeth	Dr. Sohaib Noor
Friday	08-01-2027	09:30-10:20	Lecture Prosthodontics	Arrangement of Artificial Teeth	Dr. Sohaib Noor
Tuesday	12-01-2027	08:30-09:30	Lecture Prosthodontics	Surveying	Dr. Nadia Wajdan
Wednesday	13-01-2027	02:10-03:00	Lecture Prosthodontics	Surveying	Dr. Sohaib Noor
Friday	15-01-2027	08:30-09:30	Test Prosthodontics		
Friday	15-01-2027	09:30-10:20	Lecture Prosthodontics	Surveying	Dr. Sohaib Noor
Tuesday	19-01-2027	08:30-09:30	Lecture Prosthodontics	Direct Retainers	Dr. Nadia Wajdan



Wednesday	20-01-2027	02:10-03:00	Lecture Prosthodontics	Direct Retainers	Dr. Sohaib Noor
Friday	22-01-2027	09:30-10:20	Lecture Prosthodontics	Direct Retainers	Dr. Sohaib Noor
Monday	25-01-2027	08:30-09:30	Test Prosthodontics		
Tuesday	26-01-2027	08:30-09:30	Lecture Prosthodontics	Minor Connectors	Dr. Nadia Wajdan
Wednesday	27-01-2027	02:10-03:00	Lecture Prosthodontics	Minor Connectors	Dr. Sohaib Noor
Friday	29-01-2027	09:30-10:20	Lecture Prosthodontics	Minor Connectors	Dr. Sohaib Noor
Monday	01-02-2027	08:30-09:30	Test Prosthodontics		
Tuesday	02-02-2027	08:30-09:30	Lecture Prosthodontics	Interim and Special Removable Partial Dentures	Dr. Nadia Wajdan
Wednesday	03-02-2027	02:10-03:00	Lecture Prosthodontics	Interim and Special Removable Partial Dentures	Dr. Sohaib Noor
Friday	05-02-2027	09:30-10:20	Lecture Prosthodontics	Interim and Special Removable Partial Dentures	Dr. Sohaib Noor
Monday	08-02-2027	08:30-09:30	Test Prosthodontics		
Tuesday	09-02-2027	08:30-09:30	Lecture Prosthodontics	Indirect Retainers	Dr. Nadia Wajdan
Wednesday	10-02-2027	02:10-03:00	Lecture Prosthodontics	Indirect Retainers	Dr. Sohaib Noor
Friday	12-02-2027	09:30-10:20	Lecture Prosthodontics	Indirect Retainers	Dr. Sohaib Noor
Monday	15-02-2027	08:30-09:30	Test Prosthodontics		
Tuesday	16-02-2027	08:30-09:30	Lecture Prosthodontics	Indirect Retainers	Dr. Nadia Wajdan
Wednesday	17-02-2027	02:10-03:00	Lecture Prosthodontics	Indirect Retainers	Dr. Sohaib Noor
Friday	19-02-2027	09:30-10:20	Lecture Prosthodontics	Indirect Retainers	Dr. Sohaib Noor
Monday	01-03-2027	09:00-12:00	Prosthodontics	Complete Syllabus	





Dental Section, Multan Medical & Dental College, Multan



Tuesday	02-03-2027	9:00 - 3:00	Prosthodontics	Complete Syllabus	
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FACILITATORS (PROSTHODONTICS)

Sr. #	Name	Designation	Department
1	Dr. Muhammad Zulfiqar	Associate Professor / Principal	Prosthodontics
2	Dr. Muhammad Rizwan	Professor	Prosthodontics
3	Dr. Nadia Wajdan	Assistant Professor	Prosthodontics
4	Dr. Nizam Farid Baluch	Assistant Professor	Prosthodontics
5	Dr. Muhammad Sohaib Noor	Senior Registrar	Prosthodontics
6	Dr. Iman Akram	Senior Registrar	Prosthodontics
7	Dr. Muhammad Mashood Riaz	Demonstrator	Prosthodontics
8	Dr. Sana Zahra	Demonstrator	Prosthodontics



PROSTHODONTICS -- COURSE LEARNING OBJECTIVES

Sr. No	TOPIC	LEARNING OBJECTIVES		Interactive Lecture	SGD	SDL	CBL	Assignment	Presentation	SEQs	MCQs	Viva
		At the end of each session, student will be able to:										
		Knowledge	Skill/Attitude									
System: Complete Denture												
1	Introduction to Prosthodontics	➤ Define the prostheses, prosthodontics and prosthetics. ➤ Sub-divisions of prosthodontics. ➤ Difference b/w fixed and removable prosthesis ➤ Difference b/w dentate, partially edentulous and completely edentulous patient. ➤ What is partial and compete denture. ➤ what are the causes of tooth loss that lead to the need of prosthesis		✓						✓	✓	
2	Edentulous State	➤ Introduction & Reasons for edentulousness ➤ Biomechanical Support and mechanism for natural dentition & edentulousim ➤ Mucosal support and masticatory load ➤ Residual ridge ➤ Natural and prosthetic dental occlusion ➤ Functional & Parafunctional ➤ Changes in the morphological face height and TMJ ➤ Esthetic changes ➤ Behavioral and adaptive responses		✓						✓	✓	
3	Effects of Aging, TMD	➤ What is Aging		✓						✓	✓	



		➤ Impact of Aging on Mucosa ➤ Impact of Aging on Bone ➤ Impact of Aging on Saliva ➤ Jaw Movements in Old Age ➤ Impact of Aging on Taste & Smell, Nutrition, Skin & Teeth											
4	Systemic Health Aspects and Nutritional Guidelines	➤ Enumerate oral systemic considerations that may influence an adaptive Prosthodontics experience ➤ Enlist causes of burning mouth syndrome ➤ Describe management of burning mouth syndrome ➤ Define Sjogren's syndrome ➤ Describe Diagnosis and management of Sjogren's syndrome ➤ Enlist Nutritional guidelines for patients undergoing removable Prosthodontic treatment ➤ Enumerate risk factors for malnutrition in patients with dentures		✓							✓	✓	
5	Sequelae Caused by Wearing Complete Dentures	➤ Describe direct Sequelae caused by wearing complete denture ➤ Cause & Management of ulcers, cheek biting, denture induced hyperplasia ➤ Define denture stomatitis and classify it ➤ Enumerate predisposing factors of Denture Stomatitis ➤ Describe management and preventive measures for denture stomatitis ➤ Define Residual Ridge Reduction		✓							✓	✓	



		➤ Enumerate etiological factors of Residual Ridge Reduction ➤ Describe management of Residual Ridge Reduction ➤ Describe indirect Sequelae caused by wearing Complete Denture ➤ Describe methods to control Sequelae with the use of Complete Denture											
6	History, Examination, Diagnosis and Treatment Planning	➤ Record previous medical and dental history ➤ Describe House Classification for psychological evaluation of patients ➤ Extra Oral Examination ➤ Intra Oral Examination ➤ Examination of an old denture wearer ➤ Describe the uses of Radiographic examination, Additional tests and medical consultation, consultation with other dental specialists, preparing study models ➤ Developing treatment plans for edentulous patient		✓							✓	✓	
7	Anatomical Landmarks of Mandible	➤ Anatomy of supporting structures in mandible ➤ Enlist Mandibular stress bearing areas ➤ Identify areas requiring relief in impression ➤ Describe supporting and limiting structures of mandible ➤ Describe significance and boundaries of buccal shelf area	➤	✓							✓	✓	
8	Anatomical Landmarks of Maxilla &	➤ Anatomical Landmarks of		✓							✓	✓	



	Posterior Palatal Seal	➤ Maxilla & Posterior Palatal Seal ➤ Anatomy of supporting structures in maxilla ➤ Enlist Maxillary stress bearing areas ➤ Identify areas requiring relief in impression ➤ Describe supporting and limiting structures of maxilla ➤ Describe significance and boundaries of Posterior palatal seal											
9	Improving Denture Bearing Areas for Edentulous Patients	➤ Evaluate an edentulous patient and identify conditions requiring correction before complete denture construction. ➤ Formulate a treatment plan that includes appropriate preprosthetic procedures. ➤ Select suitable management for: ➤ Flabby ridges ➤ Hyperplastic tissues (epulis fissuratum) ➤ Sharp bony ridges ➤ Undercuts ➤ Enlarged tuberosities ➤ High frenum attachments ➤ Tori and exostoses	➤	✓							✓	✓	
10	Impression Theories	➤ Enumerate objectives of impression making ➤ Describe classification of impression techniques and their selection criteria ➤ Enumerate and describe theories of impression	➤	✓							✓	✓	



		➤ Describe management of factors that complicate impression making ➤ Define posterior palatal seal and describe its functions													
11	Impression Materials	➤ Enlist classification of impression materials ➤ Common Errors encountered when making alginate impression ➤ Discuss important precautions to be observed in the handling of impressions materials		✓							✓	✓			
12	Occlusal Rims and Record Blocks	➤ Define record bases and occlusion rims according to prosthodontic terminology. ➤ Explain the objectives and clinical importance of record bases in complete denture fabrication. ➤ Describe the ideal requirements of an acceptable record base. ➤ Differentiate between temporary and permanent record bases with suitable examples. ➤ Identify the various materials used for fabrication of record bases. ➤ Compare the advantages and disadvantages of different record base materials (shellac, reinforced shellac, cold-cure acrylic resin, light-cured resin, vacuum-formed materials, wax, and heat-cured acrylic resin). ➤ Describe the fabrication techniques for different types of record bases.		✓							✓	✓			✓



		➤ Define occlusion rims and explain their role in recording maxillomandibular relations. ➤ List the requirements and clinical uses of occlusion rims. ➤ Describe the ideal dimensions of maxillary and mandibular occlusion rims. ➤ Differentiate between ready-made and hand-made wax occlusion rims. ➤ Explain the principles for proper construction and positioning of wax rims. ➤ Recognize common errors in record bases and occlusion rims and understand their effects on jaw relation records and complete denture fabrication. ➤ Apply the principles of record base and occlusion rim construction during complete denture clinical procedures.											
13	Definitions & Introduction of Maxillo Mandibular Relation	➤ Define -Record bases -Occlusal rims -Centric relation -Centric occlusion -Maximum intercuspation -Occlusal vertical dimension -Rest vertical dimension -Freeway space -Silverman's closest speaking space ➤ Describe uses, requirements and materials used for record bases and Occlusal rims		✓							✓	✓	✓



		Describe methods for fabrication of record bases and Occlusal rims ➤ Define Maxillomandibular relations and their classification															
14	Vertical Relation	➤ Define vertical jaw relations and describe methods for recording vertical jaw relations ➤ Enumerate effects of high and low vertical dimension of occlusion		✓								✓	✓				✓
15	Orientation Relation	➤ Define orientation relations and describe methods for recording orientation jaw relations ➤ Face bow, its parts & types		✓								✓	✓				✓
16	Eccentric Relation	➤ Define horizontal jaw relations and its classification ➤ Classify methods used for recording eccentric relations		✓								✓	✓				✓
17	Centric Relation	➤ Define horizontal jaw relations and its classification ➤ Classify methods used for recording centric relations		✓								✓	✓				
18	Articulators	➤ Define articulators and give its classification ➤ Enumerate uses, requirements, advantages, disadvantages and limitations for the use of articulators		✓								✓	✓				
19	Selection of Teeth	➤ Enumerate the criteria used for selection of anterior teeth for CD ➤ Describe theories used for the selection of artificial teeth ➤ Describe selection criteria for posterior teeth		✓								✓	✓				✓



		➤ Differentiate between acrylic and porcelain artificial teeth											
20	Theories of Occlusion	➤ Define occlusion ➤ Enumerate differences between natural and artificial occlusion ➤ Describe Occlusal scheme incorporated in complete dentures ➤ Bilateral balanced occlusion, lingulised occlusion, monoplane occlusion.		✓							✓	✓	
21	Arrangement of Teeth	➤ Enumerate objectives for arrangement of artificial teeth in Complete Denture ➤ Discuss the factors that affect position of artificial teeth ➤ Describe classification of artificial teeth on bases of ridge relationship		✓							✓	✓	
22	Trial of Denture	➤ Define trial of complete denture and give its significance ➤ Evaluate aesthetics, Jaw relations, occlusion and phonetics during trial		✓									
23	Speech Considerations	➤ Describe the role of teeth and other oral structures in speech production ➤ Describe different types of sounds ➤ Enumerate methods for speech analysis		✓							✓	✓	✓
24	Insertion	➤ Describe methods for evaluation of tissue fit, comfort, retention, stability and support ➤ Enumerate causes of Occlusal errors and methods for their correction		✓							✓	✓	✓



		➤ Describe evaluation of jaw relations, speech and aesthetics											
System: Miscellaneous													
25	Overdentures	➤ Define overdentures and classify them ➤ Enlist advantages and disadvantages of overdentures ➤ Enlist indications and contraindications of overdentures ➤ Describe the selection criteria of abutment teeth for overdentures ➤ Discuss treatment plan for overdenture patient and post -insertion instructions		✓							✓	✓	✓
26	Immediate Denture	➤ Define immediate dentures and enlist its type ➤ Differentiate between conventional immediate denture and interim immediate denture ➤ Enlist indications, contraindications, advantages and disadvantages of immediate dentures ➤ Describe steps for fabrication of Immediate Dentures ➤ Describe post-insertion instructions for immediate denture patient and schedule for follow up		✓							✓	✓	✓
27	Copy Denture	➤ Define copy dentures ➤ Enlist indications, contraindications, advantages and disadvantages of copy dentures ➤ Enlist the materials and methods used for copying denture		✓							✓	✓	✓



		➤ Describe clinical and laboratory steps of fabrication for copy dentures											
System: Removable Partial Dentures													
28	Introduction To Removable Partial Denture (RPD)	➤ Define Removable partial dentures ➤ Define A) Retention B) Stability C) Support D) Abutment E) Guide plane ➤ Enumerate and describe types of RPD ➤ Enlist indications, contraindications, advantages and disadvantages of RPD	✓								✓	✓	✓
29	Classification Of RPD	➤ Enlist the requirements of an acceptable method of classification for partially edentulous arch ➤ Describe Kennedy's classification for partially edentulous arch ➤ Enlist Applegate's rules for applying the Kennedy classification	✓								✓	✓	✓
30	Special Denture	➤ Define Every denture and describe its design features ➤ Enlist advantages, disadvantages, indications and contraindications of Every denture ➤ Define spoon dentures and describe its design features ➤ Enlist advantages, disadvantages, indications, contraindications of spoon dentures	✓								✓	✓	
31	Biomechanics Of RPD	➤ Discuss the forces acting on RPD during function ➤ Enlist the factors that make supporting	✓								✓	✓	



[illegible]

[illegible]

		➤ Discuss function of denture bases in control of prosthesis movement ➤ Compare and contrast metal and acrylic denture bases ➤ Discuss methods of attaching artificial teeth to denture bases and stress breakers												
39	Principles Of Removable Partial Denture Design	➤ Describe difference in prosthesis support and influence on design ➤ Differentiate between tooth-supported and tooth tissue supported RPDs ➤ Discuss essentials of partial denture design ➤ Discuss components of partial denture design		✓							✓	✓		
40	Surveying	➤ Define dental surveyor and enumerate its parts ➤ Enlist different types of surveyor ➤ Enlist and discuss purposes of surveyor ➤ Discuss the factors that determine path of placement and removal of RPD ➤ Discuss step by step procedures in - Surveying a diagnostic cast - Surveying the master cast - Blocking out the master cast ➤ Define tripoding and discuss different methods for tripoding		✓							✓	✓	✓	
41	Preparation Of Abutment Teeth	➤ Enlist classification of abutment teeth and discuss sequence of abutment preparation on each type		✓							✓	✓		



		➤ Discuss needs and methods of splinting of abutment teeth ➤ Discuss the use of isolated teeth as abutments											
42	Impression Materials And Procedures For Removable Partial Dentures	➤ Enlist classification of impression materials ➤ Enumerate possible causes of an inaccurate cast ➤ Discuss important precautions to be observed in the handling of hydrocolloid impressions ➤ Discuss step by step procedure for making a hydrocolloid impression and making stone cast ➤ Discuss technique of making individual Acrylic-resin impression trays		✓							✓	✓	✓
43	Support For The Distal Extension Denture Base	➤ Enlist factors influencing the support of a distal extension base ➤ Discuss methods for obtaining functional support for the distal extension base		✓							✓	✓	
44	Occlusal Relationships For Removable Partial Dentures	➤ Enlist desirable Occlusal contact relationships for removable partial dentures ➤ Discuss methods for establishing Occlusal relationships ➤ Discuss methods for establishing jaw relations for a Mandibular removable partial denture opposing a maxillary complete denture		✓							✓	✓	
45	Initial Placement, Adjustment And	➤ Discuss adjustment to bearing surfaces of denture bases		✓							✓	✓	✓



[illegible]

50	Introduction And Definitions	➤ Define Maxillofacial Prosthesis ➤ Classify Maxillofacial Prosthesis ➤ Define obturators ➤ Classify and discuss types of obturators		✓							✓	✓	✓
51	Classification For Maxillary And Mandibular Defect	➤ Classify maxillary and Mandibular defects ➤ Discuss Aramany’s classification of maxillary defects ➤ Discuss Cantor and Curtis classification of Mandibular defect		✓							✓	✓	✓
52	Maxillary Prosthesis	➤ Discuss surgical preservation for prosthesis benefit ➤ Discuss indications and design features of the following prosthesis - a)Speech aid prosthesis - b)Palatal lift prosthesis - c)Palatal Augmentation prosthesis ➤ Discuss indication s and design features of 1)Mandibular obturators 2)Mandibular guide flange prosthesis ➤ Enumerate materials used for maxillofacial prosthesis		✓							✓	✓	✓
System: Implantology													
53	Science Of Osseointegration	➤ Define Osseointegration ➤ Discuss factors that determine success and failure of osseointegration		✓							✓	✓	✓
54	Implant Supported Prosthesis	➤ Define implants ➤ Enlist classification of implants ➤ Enumerate indications and contraindications of implants ➤ Enlist advantages and disadvantages of implants		✓							✓	✓	✓





Instructural Strategies

Delivery of a curriculum also needs a diversity of educational vernacular for the different learning styles. Following are a few of the recommended instructional strategies. It is advised that at least **three different methods of instruction** should be adopted in the institutional planning. This will enable the diversity of learning patterns to be facilitated.

Large Group Interactive Session (LGIS)

Lecture format is the most widely used approach to teaching especially in a large class size with average attention span of 20-30 mins. Interactive lecturing involves a two-way interaction between the presenter and the participants. Interactive methods like brainstorming, buzz group, simulation, role play, and clinical cases can be used.

- **Significance of its usage**
- Relaxed environment, diverse opinions, active involvement
- Increase attention and motivation.
- Independence and group skills.
- Cost effective.
- Suitable for taking advantage of available audiovisual technologies.

Clinical Teaching

Teaching and learning that occurs with actual patient as the focus. It occurs in the dental simulation labs, Dental Clinics and for Oral Medicine in the wards.

- **Significance of its usage**
- Stimulus of clinical contact
- Psychomotor skills
- Communication skills
- Language skills
- Interpersonal skills
- Professional attitudes and empathy
- Role modelling



Case Based Learning

Case-Based Learning (CBL) is a teaching-learning strategy in which students are presented with a clinical case related to Oral Medicine. Students analyze the case, identify clinical findings, formulate differential diagnoses, and discuss appropriate management under the guidance of the teacher.

- Significance of its usage
- Correlates theoretical knowledge with clinical practice.
- Develops clinical reasoning and diagnostic skills.
- Enhances interpretation of oral signs and symptoms.
- Promotes active participation and discussion.
- Develops problem-solving and decision-making skills.





Assessment Strategies

The assessment and evaluation of the students shall be carried out according to the following criteria:

1. INTERNAL ASSESSMENT

Internal Assessment will have a weight age 10 Percent which is **20 marks** in annual examination and the student will be evaluated internally by:

Weekly Assessment will be conducted regularly, consisting of multiple-choice questions (MCQs) and short essay questions (SEQs)

- i. Teaching assignments.
- ii. Maintenance of Logbooks of Clinical Rotation
- iii. Class participation during lectures and demonstrations
- iv. Attitude and behavior of student throughout academic year
- v. Term Examination
- vi. Participation in Research.
- vii. Sendup Examination

2. Class Tests

- a. Class Test will be conducted after completion of every chapter. Assessment tools will be MCQs, OSPE, OSVE and OSCE

3. Final Send-Up Examination

Final Send up Examination will be held at the end of completion of all three terms for complete evaluation before appearance in UHS examination and will be conducted as per Examination Paper Format comprising of Written Theory, Viva/ OSPE.

4. POLICY FOR ATTENDANCE

- According to university of health sciences **75% attendance is mandatory** for the eligibility to sit in the UHS annual examination.

NOTE:

In order to be eligible to appear in UHS Examinations it is compulsory for the student to achieve at least:

- **75% attendance in each Term**
- **50% marks in each Term and Final Send Up Examination**



Learning Resources

1. Boucher's Prosthodontics
2. Atlas of Complete Denture — John Hobkirk
3. Fenn's Clinical Dental Prosthetics
4. McCracken's Removable Partial Denture
5. A Colour Guide to Removable Partial Denture Design — Davenport JC, Basker RM, Heath JR, Ralph JP & Glantz P-O (2000)
6. A Clinical Guide to Removable Partial Dentures — Davenport JC, Basker RM, Heath JR, Ralph JP & Glantz P-O (2000)
7. Prosthetic Treatment of the Edentulous Patient — Basker RM, Davenport JC & Tomlin, HR (2002)
8. Overdentures in General Dental Practice — Basker RM, Harrison A, Ralph JP & Watson C (1993)
9. Removable Denture Construction — Bates JF, Huggett R & Stafford GD (1997)

