



KALINGA INSTITUTE OF DENTAL SCIENCES

Serving through Exemplary Oral Health Care, Education & Research



**MASTER OF DENTAL SURGERY (MDS)
PROSTHODONTICS AND CROWN & BRIDGE**

MDS-Prosthodontics and Crown & Bridge-Program outcomes (POs)

PO-1 The candidate should be able to examine the patients requiring Prosthodontic therapy, investigate the patient systemically, analyse the investigation results, radiographs, diagnose the ailment, plan the treatment, communicate it with the patient and execute it.

PO -2 To understand the prevalence and prevention of diseases of craniomandibular system related to prosthetic dentistry.

PO -3 The candidate should be able to restore lost functions of stomatognathic system like mastication, speech, appearance and psychological comforts by understanding biological, biomedical, bioengineering principles and systemic conditions of the patients to provide quality health care in the craniofacial regions.

PO -4 The candidate should be able to demonstrate good interpersonal, communication skills and team approach in interdisciplinary care by interacting with other specialties including medical specialty for planned team management of patients for craniofacial & oral acquired and congenital defects, temporomandibular joint syndromes, esthetics, Implant supported Prosthetics and problems of Psychogenic origins. To identify target diseases and create awareness amongst the population regarding Prosthodontic therapy.

PO -5 Should be able to demonstrate the clinical competence necessary to carry out appropriate treatment at higher level of knowledge, training and practice skills currently available in their specialty area with a patient centered approach.

Should be able to interpret various radiographs like IOPA, OPG, CBCT and CT. Should and be able to plan and modify treatment plan based on radiographic findings.

PO -6 Should be able to critically appraise articles published and understand various components of different types of articles and be able to gather the weight of evidence from the same. Explore the applications of ICT to simplify prosthodontic treatment and to carry out material science research based on patient needs

PO -7 To perform Clinical and Laboratory procedures with a clear understanding of biomaterials, tissue conditions related to prosthesis and have required dexterity & skill for performing clinical and laboratory all procedures in fixed, removable, implant, maxillofacial, TMJ and esthetics Prosthodontics.

PO-8 To carry out necessary adjunctive procedures to prepare the patient before prosthesis like tissue preparation and preprosthetic surgery and to prepare the patient before prosthesis / prosthetic procedures.

PAPER - 1

COURSE OUTCOMES

Part - 1

1.To have acquired adequate knowledge and understanding of applied basic and systematic medical science knowledge in general and particular to head and neck.

2.Scientific literature drafting practice and research project planning ability development. Inculcates Problem based analysis and learning for material development and research.

Course: Part- I - Applied Anatomy, Physiology, Pathology and Dental Materials

Mapping of COs to POs								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	✓		✓			✓	✓	✓
CO2		✓			✓			✓

PSO = Program Specific Outcome

CO = Course Outcome

Name of the Course	Employability	Entrepreneurship	Skill development
Part- I - Applied Anatomy, Physiology, Pathology and Dental Materials	Y		Y

Course Outcomes:

Part - 2

1. Training programme in Prosthodontics dentistry including Crown & Bridge & Implantology is structured to achieve knowledge and skill in theoretical and clinical laboratory, attitude, communicative skills and ability to research with understanding of social, cultural, education and environment background of the society.
2. The postgraduates will be able to provide Prosthodontics therapy for patients with competence and working knowledge with understanding of applied medical behavioral and clinical science that are beyond the treatment skills of the general BDS graduate and MDS graduate of other specialities to demonstrate evaluative prevention, treatment after care referral to deliver comprehensive care to patients.
3. Scientific literature drafting practice and research project planning ability development. Inculcates Problem based analysis and learning for material development and research.

Mapping of COs to POs								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	✓		✓	✓	✓	✓		✓
CO2		✓	✓	✓	✓		✓	
CO3		✓	✓	✓			✓	

PO = Program Outcome

CO = Course Outcome

Name of the Course	Employability	Entrepreneurship	Skill development
PART-II,PAPER-1- Removable Prosthodontics and implant supported prosthesis (Oral Implantology), Geriatric dentistry and Cranio & maxillofacial Prosthodontics	Y	Y	Y

PAPER - 2

Course Outcomes:

Part – 2

- Training programme in Prosthodontics dentistry including Crown & Bridge & Implantology is structured to achieve knowledge and skill in theoretical and clinical laboratory, attitude, communicative skills and ability to research with understanding of social, cultural, education and environment background of the society.
- Scientific literature drafting practice and research project planning ability development. Inculcates Problem based analysis and learning for material development and research.

PART-II, PAPER-2 - Fixed Prosthodontics, occlusion, TMJ and esthetics.

Mapping of COs to POs								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	✓		✓		✓	✓	✓	
CO2		✓		✓	✓			✓

PO = Program Outcome

CO = Course Outcome

Name of the Course	Employability	Entrepreneurship	Skill development
PART-II, PAPER-2 Fixed Prosthodontics, occlusion, TMJ and esthetics.	Y	Y	Y

PAPER – 3

COURSE OUTCOMES

- Training programme in Prosthodontics dentistry including Crown & Bridge & Implantology is structured to achieve knowledge and skill in theoretical and clinical laboratory, attitude, communicative skills and ability to research with understanding of social, cultural, education and environment background of the society.
- To have acquired adequate knowledge and understanding of applied basic and systematic medical science knowledge in general and particular to head and neck.
- The postgraduates will be able to provide Prosthodontics therapy for patients with competence and working knowledge with understanding of applied medical behavioural and clinical science that are beyond the treatment skills of the general BDS graduate and MDS graduate of other specialities to demonstrate evaluative prevention, treatment after care referral to deliver comprehensive care to patients.
 - Scientific literature drafting practice and research project planning ability development. Inculcates Problem based analysis and learning for material development and research.

Program: MDS in Prosthodontics and Crown & Bridge

Course: PART-II, Paper-3: Descriptive and analysing type questions

Mapping of COs to POs								
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	✓		✓	✓		✓		✓
CO2		✓			✓		✓	
CO3	✓		✓		✓	✓		✓

PO = Program Specific Outcome

CO = Course Outcome

Name of the Course	Employability	Entrepreneurship	Skill development
PART-II, Paper-III: Descriptive and analysing type questions	Y	Y	Y