

CURRICULAR MAPPING - BDS PROGRAM

MAPPING OF PROGRAM OUTCOMES & PROGRAM SPECIFIC OBJECTIVES WITH COURSE OUTCOMES

BDS 101 - GENERAL ANATOMY, HISTOLOGY & EMBRYOLOGY

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
COURSE OUTCOMES	Understand Anat Physio & Patho of Process	Understand Treatment Methodologies & Preventive Measures	Diagnose & Design a Single Treatment Plan including using Multidisciplinary Team Approach	Modify Treatment Modalities to Suit Patient Needs	Perform Clinical Examination & Differentially Diagnose using Proper Investigations	Perform Clinical Procedures & Administer Appropriate Medications	Maintain Ethical Principles in Care & Use Knowledge to Benefit Community	Participate in National Oral Health Policy & CDE for Life Long Learning	Comprehend Advanced Diagnostic & Treatment Modalities for Better Patient Care	Develop Optimum Communication & Organisational Skills for Pursuing Research or Clinical Practice
CO 1	3	1	1	-	-	-	1	-	-	-
CO 2	3	1	1	-	-	-	1	-	1	-
CO 3	3	2	1	-	-	-	1	-	1	-
CO 4	2	2	2	1	2	1	1	-	1	-
CO 5	1	2	2	2	3	3	2	1	1	-
TOTAL DEGREE OF MAPPING	2.4	1.6	1.4	1.5	2.5	2	1.2	1	1	1

BDS 102 - PHYSIOLOGY & BIOCHEMISTRY

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
COURSE OUTCOMES	Understand Anat Physio & Patho of Process	Understand Treatment Methodologies & Preventive Measures	Diagnose & Design a Single Treatment Plan including using Multidisciplinary Team Approach	Modify Treatment Modalities to Suit Patient Needs	Perform Clinical Examination & Differentially Diagnose using Proper Investigations	Perform Clinical Procedures & Administer Appropriate Medications	Maintain Ethical Principles in Care & Use Knowledge to Benefit Community	Participate in National Oral Health Policy & CDE for Life Long Learning	Comprehend Advanced Diagnostic & Treatment Modalities for Better Patient Care	Develop Optimum Communication & Organisational Skills for Pursuing Research or Clinical Practice
CO 1	3	2	-	-	-	-	1	-	1	-
CO 2	3	2	2	-	-	-	1	-	1	-
CO 3	2	3	2	2	1	-	2	-	2	-
CO 4	2	2	2	1	3	2	1	1	1	-
CO 5	1	1	2	2	3	2	1	-	1	-
TOTAL DEGREE OF MAPPING	2.2	2	2	1.6	2.3	2	1.2	1	1.2	1

BDS 103 - DENTAL ANATOMY & HISTOLOGY

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	KU1	KU2	CS1	CS2	PS1	PS2	AC1	AC2	PSO1	PSO2
COURSE OUTCOMES	Understand Anat Physio & Patho of Process	Understand Treatment Methodologies & Preventive Measures	Diagnose & Design a Single Treatment Plan Including using Multidisciplinary Team Approach	Modify Treatment Modalities to Suit Patient Needs	Perform Clinical Examination & Differentially Diagnose using Proper Investigations	Perform Clinical Procedures & Administer Appropriate Medications	Maintain Ethical Principles in Care & Use Knowledge to Benefit Community	Participate in National Oral Health Policy & CDE for Life Long Learning	Comprehend Advanced Diagnostic & Treatment Modalities for Better Patient Care	Develop Optimum Communication & Organisational Skills for Pursuing Research or Clinical Practice
CO 1	3	1	1	-	3	2	-	3	-	2
CO 2	3	1	1	-	2	2	1	2	-	1
CO 3	3	-	-	-	-	-	1	1	1	2
CO 4	3	2	2	1	1	1	1	1	1	2
CO 5	3	-	-	-	2	-	1	1	-	2
TOTAL DEGREE OF MAPPING	3	1.3	1.3	1	2	1.6	1	1.6	1	1.8

BDS 201 - GENERAL PATHOLOGY & MICROBIOLOGY

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	KU1	KU2	CS1	CS2	PS1	PS2	AC1	AC2	PSO1	PSO2
COURSE OUTCOMES	Understand Anat Physio & Patho of Process	Understand Treatment Methodologies & Preventive Measures	Diagnose & Design a Single Treatment Plan Including using Multidisciplinary Team Approach	Modify Treatment Modalities to Suit Patient Needs	Perform Clinical Examination & Differentially Diagnose using Proper Investigations	Perform Clinical Procedures & Administer Appropriate Medications	Maintain Ethical Principles in Care & Use Knowledge to Benefit Community	Participate in National Oral Health Policy & CDE for Life Long Learning	Comprehend Advanced Diagnostic & Treatment Modalities for Better Patient Care	Develop Optimum Communication & Organisational Skills for Pursuing Research or Clinical Practice
CO 1	3	2	1	-	1	1	1	1	1	-
CO 2	3	2	2	1	1	1	1	1	1	1
CO 3	3	1	1	1	2	1	1	1	1	1
CO 4	2	2	2	2	3	2	2	1	1	1
CO 5	2	2	3	3	3	3	2	2	2	1
CO 6	2	1	1	1	2	3	3	1	1	1
TOTAL DEGREE OF MAPPING	2.5	1.6	1.6	1.6	2	1.8	1.6	1.2	1.2	1


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BDS 202 - GENERAL PHARMACOLOGY & THERAPEUTICS

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	KU1	KU2	CS1	CS2	PS1	PS2	AC1	AC2	PSO1	PSO2
COURSE OUTCOMES	Understand Anat Physio & Patho of Process	Understand Treatment Methodologies & Preventive Measures	Diagnose & Design a Single Treatment Plan including using Multidisciplinary Team Approach	Modify Treatment Modalities to Suit Patient Needs	Perform Clinical Examination & Differentially Diagnose using Proper Investigations	Perform Clinical Procedures & Administer Appropriate Medications	Maintain Ethical Principals in Care & Use Knowledge to Benefit Community	Participate in National Oral Health Policy & CDE for Life Long Learning	Comprehend Advanced Diagnostic & Treatment Modalities for Better Patient Care	Develop Optimum Communication & Organisational Skills for Pursuing Research or Clinical Practice
CO 1	3	1	1	1	1	1	1	1	1	-
CO 2	3	2	2	2	1	1	2	1	1	1
CO 3	2	2	2	3	2	3	3	1	2	1
CO 4	2	3	2	3	2	2	2	1	1	1
CO 5	1	1	1	2	2	3	3	2	1	1
TOTAL DEGREE OF MAPPING	2.2	1.8	1.6	2.2	1.6	2	2.2	1.2	1.2	1

BDS 203 - DENTAL MATERIALS

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	KU1	KU2	CS1	CS2	PS1	PS2	AC1	AC2	PSO1	PSO2
COURSE OUTCOMES	Understand Anat Physio & Patho of Process	Understand Treatment Methodologies & Preventive Measures	Diagnose & Design a Single Treatment Plan including using Multidisciplinary Team Approach	Modify Treatment Modalities to Suit Patient Needs	Perform Clinical Examination & Differentially Diagnose using Proper Investigations	Perform Clinical Procedures & Administer Appropriate Medications	Maintain Ethical Principals in Care & Use Knowledge to Benefit Community	Participate in National Oral Health Policy & CDE for Life Long Learning	Comprehend Advanced Diagnostic & Treatment Modalities for Better Patient Care	Develop Optimum Communication & Organisational Skills for Pursuing Research or Clinical Practice
CO 1	3	2	1	1	-	-	1	1	-	-
CO 2	2	3	2	1	-	-	1	1	1	-
CO 3	2	2	3	2	-	-	2	1	1	-
CO 4	1	2	1	-	1	1	2	1	1	1
CO 5	1	1	1	2	-	-	1	1	2	1
TOTAL DEGREE OF MAPPING	1.8	2	1.6	1.5	1	1	1.4	1	1.25	1

BDS 204 - PRE CLINICAL PROSTHETIC DENTISTRY

COURSE OUTCOMES	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
Understand Anat Physio & Patho of Process	KU1	KU2	CS1	CS2	PS1	PS2	AC1	AC2	PSO1	PSO2
	Understand Treatment Methodologies & Preventive Measures	Diagnose & Design a Single Treatment Plan including using Multidisciplinary Team Approach	Modify Treatment Modalities to Suit Patient Needs	Perform Clinical Examination & Differentially Diagnose using Proper Investigations	Perform Clinical Procedures & Administer Appropriate Medications	Maintain Ethical Principles in Care & Use Knowledge to Benefit Community	Participate in National Oral Health Policy & CDE for Life Long Learning	Comprehend Advanced Diagnostic & Treatment Modalities for Better Patient Care	Develop Optimum Communication & Organisational Skills for Pursuing Research or Clinical Practice	
	3	1	-	-	-	-	-	-	-	-
	2	2	1	1	-	-	-	-	-	-
	3	2	1	1	-	-	-	-	-	-
CO 4	3	2	1	1	-	-	-	-	-	-
CO 5	1	1	1	1	1	1	1	1	1	1
TOTAL DEGREE OF MAPPING	2.4	1.6	1	1	1	1	1	1	1	1

BDS 205 - PRE CLINICAL CONSERVATIVE DENTISTRY

COURSE OUTCOMES	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
Understand Anat Physio & Patho of Process	KU1	KU2	CS1	CS2	PS1	PS2	AC1	AC2	PSO1	PSO2
	Understand Treatment Methodologies & Preventive Measures	Diagnose & Design a Single Treatment Plan including using Multidisciplinary Team Approach	Modify Treatment Modalities to Suit Patient Needs	Perform Clinical Examination & Differentially Diagnose using Proper Investigations	Perform Clinical Procedures & Administer Appropriate Medications	Maintain Ethical Principles in Care & Use Knowledge to Benefit Community	Participate in National Oral Health Policy & CDE for Life Long Learning	Comprehend Advanced Diagnostic & Treatment Modalities for Better Patient Care	Develop Optimum Communication & Organisational Skills for Pursuing Research or Clinical Practice	
	3	2	1	1	1	1	2	2	1	1
	2	2	2	2	1	1	2	2	1	1
	2	3	1	2	2	2	2	2	2	1
CO 4	2	2	1	1	1	1	1	2	2	2
CO 5	2	2	1	2	2	2	2	1	2	2
TOTAL DEGREE OF MAPPING	2.2	2.2	1.4	1.6	1.4	1.4	1.8	1.5	1.6	1.4

BDS 301 - GENERAL MEDICINE

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	KU1	KU2	CS1	CS2	PS1	PS2	AC1	AC2	PSO1	PSO2
COURSE OUTCOMES	Understand Anat Physio & Patho of Process	Understand Treatment Methodologies & Preventive Measures	Diagnose & Design a Single Treatment Plan including using Multidisciplinary Team Approach	Modify Treatment Modalities to Suit Patient Needs	Perform Clinical Examination & Differentially Diagnose using Proper Investigations	Perform Clinical Procedures & Administer Appropriate Medications	Maintain Ethical Principals in Care & Use Knowledge to Benefit Community	Participate in National Oral Health Policy & CDE for Life Long Learning	Comprehend Advanced Diagnostic & Treatment Modalities for Better Patient Care	Develop Optimum Communication & Organisational Skills for Pursuing Research or Clinical Practice
CO 1	3	3	3	3	2	1	2	1	2	1
CO 2	2	2	2	2	3	3	2	2	1	1
CO 3	1	2	2	2	2	3	3	2	1	1
CO 4	2	2	2	2	3	3	3	2	2	1
CO 5	1	1	1	1	1	1	2	3	1	3
TOTAL DEGREE OF MAPPING	1.8	2	2	2	2.2	2.2	2.4	2	1.4	1.4

BDS 302 - GENERAL SURGERY

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	KU1	KU2	CS1	CS2	PS1	PS2	AC1	AC2	PSO1	PSO2
COURSE OUTCOMES	Understand Anat Physio & Patho of Process	Understand Treatment Methodologies & Preventive Measures	Diagnose & Design a Single Treatment Plan including using Multidisciplinary Team Approach	Modify Treatment Modalities to Suit Patient Needs	Perform Clinical Examination & Differentially Diagnose using Proper Investigations	Perform Clinical Procedures & Administer Appropriate Medications	Maintain Ethical Principals in Care & Use Knowledge to Benefit Community	Participate in National Oral Health Policy & CDE for Life Long Learning	Comprehend Advanced Diagnostic & Treatment Modalities for Better Patient Care	Develop Optimum Communication & Organisational Skills for Pursuing Research or Clinical Practice
CO 1	3	2	1	1	1	1	1	1	1	1
CO 2	2	2	1	1	2	3	2	1	1	1
CO 3	2	2	2	2	1	3	2	1	1	1
CO 4	1	2	2	2	3	3	2	2	2	2
CO 5	1	2	2	1	1	1	3	2	1	2
TOTAL DEGREE OF MAPPING	1.8	2	1.6	1.4	1.6	2.2	2	1.4	1.2	1.4

BDS 303 - ORAL PATHOLOGY & MICROBIOLOGY

COURSE OUTCOMES	Understand Anat Physio & Patho of Process	Understand Treatment Methodologies & Preventive Measures	Diagnose & Design a Single Treatment Plan Including using Multidisciplinary Team Approach	Modify Treatment Modalities to Suit Patient Needs	Perform Clinical Examination & Differentially Diagnose using Proper Investigations	Perform Clinical Procedures & Administer Appropriate Medications	Maintain Ethical Principles in Care & Use Knowledge to Benefit Community	Participate in National Oral Health Policy & CDE for Life Long Learning	Comprehend Advanced Diagnostic & Treatment Modalities for Better Patient Care	Develop Optimum Communication & Organisational Skills for Pursuing Research or Clinical Practice	TOTAL DEGREE OF MAPPING	
											PO1	PO2
CO 1	3	1	1	1	2	2	-	-	2	2	2.5	2.5
CO 2	3	3	2	2	3	2	2	1	3	2	-	-
CO 3	3	2	2	2	2	1	1	2	3	3	2	2
CO 4	3	2	1	1	1	-	2	2	2	2	2	2
CO 5	3	2	1	1	-	-	3	2	1	1	2	2
TOTAL DEGREE OF MAPPING	3	2	1.4	1.4	2	1.6	2	1.7	2.2	2.5	2.5	2.5

BDS 401 - ORAL MEDICINE & RADIOLOGY

COURSE OUTCOMES	Understand Anat Physio & Patho of Process	Understand Treatment Methodologies & Preventive Measures	Diagnose & Design a Single Treatment Plan Including using Multidisciplinary Team Approach	Modify Treatment Modalities to Suit Patient Needs	Perform Clinical Examination & Differentially Diagnose using Proper Investigations	Perform Clinical Procedures & Administer Appropriate Medications	Maintain Ethical Principles in Care & Use Knowledge to Benefit Community	Participate in National Oral Health Policy & CDE for Life Long Learning	Comprehend Advanced Diagnostic & Treatment Modalities for Better Patient Care	Develop Optimum Communication & Organisational Skills for Pursuing Research or Clinical Practice	TOTAL DEGREE OF MAPPING	
											PO1	PO2
CO 1	3	2	3	1	3	3	1	2	3	2	2.83	2.83
CO 2	2	1	2	2	3	2	1	3	3	2	2.16	2.16
CO 3	3	3	3	3	2	3	3	2	3	2	2.83	2.83
CO 4	3	3	1	2	3	3	3	3	3	2	2.83	2.83
CO 5	3	2	3	3	3	1	1	2	3	2	2.16	2.16
CO 6	3	2	3	2	3	1	3	2	3	2	2.16	2.16
TOTAL DEGREE OF MAPPING	2.83	2.16	2.5	2.16	2.83	2.16	2	2.33	3	2.16	2.83	2.83

BDS 402 - ORAL & MAXILLOFACIAL SURGERY

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	KU1	KU2	CS1	CS2	PS1	PS2	AC1	AC2	PSO1	PSO2
COURSE OUTCOMES	Understand Anat Physio & Patho of Process	Understand Treatment Methodologies & Preventive Measures	Diagnose & Design a Single Treatment Plan including using Multidisciplinary Team Approach	Modify Treatment Modalities to Suit Patient Needs	Perform Clinical Examination & Differentially Diagnose using Proper Investigations	Perform Clinical Procedures & Administer Appropriate Medications	Maintain Ethical Principles in Care & Use Knowledge to Benefit Community	Participate in National Oral Health Policy & CDE for Life Long Learning	Comprehend Advanced Diagnostic & Treatment Modalities for Better Patient Care	Develop Optimum Communication & Organisational Skills for Pursuing Research or Clinical Practice
CO 1	3	3	2	2	2	1	3	2	2	2
CO 2	2	2	3	2	3	2	2	1	3	2
CO 3	2	3	3	3	1	2	3	2	3	1
CO 4	2	2	2	2	1	3	3	2	3	1
CO 5	2	3	3	3	1	3	3	2	3	3
TOTAL DEGREE OF MAPPING	2.2	2.6	2.6	2.4	1.6	2.2	2.8	1.8	2.8	1.8

BDS 403 - CONSERVATIVE DENTISTRY & ENDODONTICS

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	KU1	KU2	CS1	CS2	PS1	PS2	AC1	AC2	PSO1	PSO2
COURSE OUTCOMES	Understand Anat Physio & Patho of Process	Understand Treatment Methodologies & Preventive Measures	Diagnose & Design a Single Treatment Plan including using Multidisciplinary Team Approach	Modify Treatment Modalities to Suit Patient Needs	Perform Clinical Examination & Differentially Diagnose using Proper Investigations	Perform Clinical Procedures & Administer Appropriate Medications	Maintain Ethical Principles in Care & Use Knowledge to Benefit Community	Participate in National Oral Health Policy & CDE for Life Long Learning	Comprehend Advanced Diagnostic & Treatment Modalities for Better Patient Care	Develop Optimum Communication & Organisational Skills for Pursuing Research or Clinical Practice
CO 1	3	3	2	1	-	-	1	1	1	1
CO 2	3	3	2	2	3	1	1	1	2	1
CO 3	2	3	3	3	3	2	2	1	2	1
CO 4	1	2	3	3	3	3	2	2	2	2
CO 5	1	2	3	3	2	2	2	2	2	2
TOTAL DEGREE OF MAPPING	2	2.6	2.6	2.4	2.75	2	1.6	1.4	1.8	1.4

BDS 404 - PERIODONTICS

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
COURSE OUTCOMES	Understand Anat Physio & Patho of Process	Understand Treatment Methodologies & Preventive Measures	Diagnose & Design a Single Treatment Plan including using Multidisciplinary Team Approach	Modify Treatment Modalities to Suit Patient Needs	Perform Clinical Examination & Differentially Diagnose using Proper Investigations	Perform Clinical Procedures & Administer Appropriate Medications	Maintain Ethical Principals in Care & Use Knowledge to Benefit Community	Participate in National Oral Health Policy & CDE for Life Long Learning	Comprehend Advanced Diagnostic & Treatment Modalities for Better Patient Care	Develop Optimum Communication & Organisational Skills for Pursuing Research or Clinical Practice
CO 1	3	3	3	2	2	2	2	1	2	1
CO 2	3	3	3	2	3	2	2	1	2	2
CO 3	3	2	2	2	2	3	2	2	2	2
CO 4	2	2	2	2	2	2	1	1	1	1
CO 5	2	2	2	2	2	2	1	1	1	1
TOTAL DEGREE OF MAPPING	2.6	2.4	2.4	2	2.2	2.2	1.6	1.2	1.6	1.4

BDS 405 - PROSTHODONTICS CROWN & BRIDGE

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
COURSE OUTCOMES	Understand Anat Physio & Patho of Process	Understand Treatment Methodologies & Preventive Measures	Diagnose & Design a Single Treatment Plan including using Multidisciplinary Team Approach	Modify Treatment Modalities to Suit Patient Needs	Perform Clinical Examination & Differentially Diagnose using Proper Investigations	Perform Clinical Procedures & Administer Appropriate Medications	Maintain Ethical Principals in Care & Use Knowledge to Benefit Community	Participate in National Oral Health Policy & CDE for Life Long Learning	Comprehend Advanced Diagnostic & Treatment Modalities for Better Patient Care	Develop Optimum Communication & Organisational Skills for Pursuing Research or Clinical Practice
CO 1	3	3	2	1	2	-	-	3	-	-
CO 2	3	3	3	2	3	2	2	3	2	1
CO 3	2	2	2	3	3	3	3	3	2	1
CO 4	3	3	3	3	3	3	3	3	3	1
CO 5	-	2	1	3	1	2	3	2	2	3
TOTAL DEGREE OF MAPPING	2.75	2.6	2.2	2.4	2.4	2.5	2.75	2.8	2.25	1.5

BDS 406 - PAEDIATRIC & PREVENTIVE DENTISTRY

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
COURSE OUTCOMES	Understand Anat Physio & Patho of Process	Understand Treatment Methodologies & Preventive Measures	Diagnose & Design a Single Treatment Plan including using Multidisciplinary Team Approach	Modify Treatment Modalities to Suit Patient Needs	Perform Clinical Examination & Differentially Diagnose using Proper Investigations	Perform Clinical Procedures & Administer Appropriate Medications	Maintain Ethical Principals in Care & Use Knowledge to Benefit Community	Participate in National Oral Health Policy & CDE for Life Long Learning	Comprehend Advanced Diagnostic & Treatment Modalities for Better Patient Care	Develop Optimum Communication & Organisational Skills for Pursuing Research or Clinical Practice
CO 1	3	3	1	1	0	0	1	3	2	0
CO 2	2	3	2	3	3	2	3	2	2	2
CO 3	3	3	3	3	3	2	3	3	3	1
CO 4	3	3	3	3	3	3	2	3	3	1
CO 5	1	2	3	3	3	3	3	2	3	3
TOTAL DEGREE OF MAPPING	2.4	2.8	2.4	2.6	2.4	2	2.4	2.6	2.6	1.4

BDS 407 - ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
COURSE OUTCOMES	Understand Anat Physio & Patho of Process	Understand Treatment Methodologies & Preventive Measures	Diagnose & Design a Single Treatment Plan including using Multidisciplinary Team Approach	Modify Treatment Modalities to Suit Patient Needs	Perform Clinical Examination & Differentially Diagnose using Proper Investigations	Perform Clinical Procedures & Administer Appropriate Medications	Maintain Ethical Principals in Care & Use Knowledge to Benefit Community	Participate in National Oral Health Policy & CDE for Life Long Learning	Comprehend Advanced Diagnostic & Treatment Modalities for Better Patient Care	Develop Optimum Communication & Organisational Skills for Pursuing Research or Clinical Practice
CO 1	3	3	2	2	1	2	2	2	2	2
CO 2	3	3	3	3	3	2	2	2	3	2
CO 3	3	3	3	3	3	3	3	2	3	3
CO 4	3	3	2	3	3	2	3	3	2	3
CO 5	3	3	2	3	2	1	3	3	2	3
TOTAL DEGREE OF MAPPING	3	3	2.4	2.8	2.4	2	2.6	2.4	2.4	2.6

BDS 408 - PUBLIC HEALTH DENTISTRY

COURSE OUTCOMES	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	KU1	KU2	CS1	CS2	PS1	PS2	AC1	AC2	PSO1	PSO2
	Understand Anat Physio & Patho of Process	Understand Treatment Methodologies & Preventive Measures	Diagnose & Design a Single Treatment Plan including using Multidisciplinary Team Approach	Modify Treatment Modalities to Suit Patient Needs	Perform Clinical Examination & Differentially Diagnose using Proper Investigations	Perform Clinical Procedures & Administer Appropriate Medications	Maintain Ethical Principals in Care & Use Knowledge to Benefit Community	Participate in National Oral Health Policy & CDE for Life Long Learning	Comprehend Advanced Diagnostic & Treatment Modalities for Better Patient Care	Develop Optimum Communication & Organisational Skills for Pursuing Research or Clinical Practice
CO 1	3	2	2	2	2	1	3	2	1	2
CO 2	2	2	1	1	1	1	3	2	1	2
CO 3	2	3	3	3	3	3	3	2	3	2
CO 4	1	3	3	3	3	3	2	2	3	2
CO 5	2	3	3	3	3	3	3	2	2	3
TOTAL DEGREE OF MAPPING	2	2.6	2.4	2.4	2.4	2.2	2.8	2	2	2.2


**SURENDRA DENTAL COLLEGE
 & RESEARCH INSTITUTE
 SRI GANGANAGAR (RAJ.)**

DEPARTMENT OF PROSTHODONTICS

CO-PO MAPPING

Applied anatomy, physiology, pathology and dental materials

	PO1	PO2	PO3	PO4	PO5
CO1	✓	✓	✓		
CO2		✓		✓	✓
CO3	✓		✓		
CO4				✓	✓

Removable prosthodontics and oral implantology

	PO1	PO2	PO3	PO4	PO5
CO1	✓	✓	✓	✓	
CO2		✓	✓		
CO3	✓	✓	✓	✓	✓
CO4				✓	✓

Fixed prosthodontics

	PO1	PO2	PO3	PO4	PO5
CO1		✓	✓		
CO2				✓	✓
CO3	✓				
CO4	✓	✓	✓	✓	✓

Essay

	PO1	PO2	PO3	PO4	PO5
CO1	✓	✓	✓	✓	✓
CO2	✓	✓	✓	✓	✓


SURENDRA DENTAL COLLEGE
& RESEARCH INSTITUTE
SRI GANGANAGAR (R.)

Program: MDS in Public Health

Dentistry Course: Part I - Applied

Basic Sciences

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	✓					✓		
CO2		✓			✓			
CO3	✓							✓
CO4				✓				
CO5						✓		✓

PO = Program Outcome

CO = Course Outcome

Program: MDS in Public Health Dentistry

Course: Part II, Paper I - Public Health


	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	✓		✓					
CO2	✓			✓	✓			✓
CO3	✓				✓			
CO4								✓
CO5								
CO6								

Program: MDS in Public Health

Dentistry Course: Part II, Paper II -

Dental Public Health

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	✓		✓			✓		
CO2		✓			✓			✓
CO3	✓		✓		✓		✓	
CO4			✓					✓


**SURENDRA DENTAL COLLEGE
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DEPARTMENT OF PUBLIC HEALTH DENTISTRY

MDS CURRICULUM

Mapping of COs to POs

Program: MDS in Public Health Dentistry

Course: Part II, Paper III- Essay

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	✓		☑			✓		
CO2		✓	☑	✓	✓			✓
CO3	✓		✓					



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PAEDIATRIC AND PREVENTIVE DENTISTRY

PROGRAMME OUTCOME – MDS

After completion of postgraduate degree,

PO-1 The postgraduate should be able to create not only a good oral health in the child but also a good citizen tomorrow, instil a positive attitude and behaviour in children.

PO-2 The postgraduate should be able to understand the principles of prevention and preventive dentistry right from birth to adolescence and apply the recent advances and research in the clinical practice.

PO-3 The postgraduate should be able to guide and counsel the parents in regards to various treatment modalities including different facets of preventive, interceptive and therapeutic dentistry.

PO-4 The postgraduate should be able to obtain proper clinical history, methodological examination of the child patient, perform essential diagnostic procedures and interpret them and arrive at a reasonable diagnosis and treat appropriately.

PO-5 The postgraduate should be able to manage the disabled children effectively and efficiently, tailored to the needs of individual requirement and conditions; and acquire skills in managing efficiently emergency conditions with emphasis on basic life support measures.

COURSE OUTCOMES

		At the end of course, postgraduate should be able to
MDS PAEDO 101 Applied Basic Sciences	CO 1	Understand applied Anatomy, genetics, Applied Physiology, Applied Pathology, Nutrition, Dietics, Growth & Development, Cariology and Fluoride
	CO 2	Student will be get acquainted with Dental health concepts, Effects of civilization and environment, Dental Health delivery system, Public Health measures related to children along with principles of Pediatric Preventive Dentistry
	CO 3	Student should be able to describe aspects of research methodology and biostatistics
MDS PAEDO 102 Clinical Paedodontics	CO 1	Student should be competent to treat gingival and pulpal diseases which are occurring in child patient.
	CO 2	Student should be able to manage the disabled children effectively and efficiently, tailored to the needs of individual requirement and conditions.
	CO 3	Student should be able to acquire skills in managing efficiency life threatening condition with emphasis on basic life support measure.
	CO 4	Student should able to assess and manage the behaviour of child using pharmacological methods during dental treatment
	CO 5	Student should be able to diagnose, plan the treatment and manage the traumatic injuries and developing malocclusion.
MDS PAEDO 103 Preventive and Community Dentistry as applied to	CO 1	Student should be able to assess the child behaviour and manage using non pharmacological behaviour management techniques, instilling a positive attitude and behaviour in

Paediatric Dentistry		children.
	CO 2	Student should able to implement the principles of prevention and preventive dentistry right from birth to adolescence in clinical as well as community setting.
	CO 3	Student should able to guide and counsel the parents in regards to various treatment modalities including different facets of preventive dentistry
	CO 4	Student should able to apply the principles of epidemiology and research methodology.
MDS PAEDO 104 Essay	CO 1	For a given case, the student after a critical assessment should able to adopt new methods and techniques of Paediatric dentistry that is developed time to time, based on scientific researches, which are in the best interest of the child and patient.
	CO 2	Student should be able to analyse and critically evaluate various aspects of preventive and clinical Pedodontics

Course 1

	PO 1	PO 2	PO 3	PO 4	PO 5
CO 1	✓	✓	✓	✓	
CO 2		✓	✓		
CO 3		✓			

Course 2

	PO 1	PO 2	PO 3	PO 4	PO 5
CO 1	✓	✓	✓	✓	
CO 2	✓	✓	✓	✓	✓
CO 3				✓	✓
CO 4	✓		✓		✓
CO 5		✓	✓	✓	✓

Course 3


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	PO 1	PO 2	PO 3	PO 4	PO 5
CO 1	✓		✓	✓	✓
CO 2		✓	✓		✓
CO 3		✓		✓	
CO 4		✓		✓	

Course 4

	PO 1	PO 2	PO 3	PO 4	PO 5
CO 1	✓	✓	✓	✓	✓
CO 2	✓	✓	✓	✓	✓


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DEPARTMENT OF ORTHODONTICS

Programme Outcomes (PO):

PO1 : The student should be knowing the effect of biologic processes and mechanical forces on the stomatognathic system throughout orthodontic treatment.

PO2: The student should be able to obtain proper clinical history, methodical examination of the patient, perform essential diagnostic procedures, and interpret them and arrive at a reasonable diagnosis about the Dentofacial deformities.

PO3: Should be competent to fabricate and manage the most appropriate appliance- intra or extra oral, removable or fixed, mechanical or functional, and active or passive- for the treatment of any orthodontic problem- preventive, interceptive or corrective to be treated.

PO4: Develop an attitude to adopt ethical principles in all aspects of Orthodontic practice.

PO5: Should be competent to know the factors affecting the long- range stability of orthodontic correction and their management.

PO6: Develop adequate communication skills particularly with the patients giving them the various options available to manage a particular Dentofacial problem.

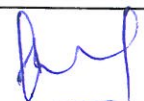
Courses Outcome:

Applied Basic Sciences	CO1	Applied Anatomy : Under Anatomy, they would have learnt about Prenatal and postnatal growth of head, bone growth, assessment of growth and development, muscles of mastication, Development of dentition and occlusion.
	CO2	Applied Physiology : Under Physiology, they would have learnt about Endocrinology and its disorders, Calcium and its metabolism, Nutrition- metabolism and their disorders, Muscle physiology, craniofacial biology, bleeding disorders.
	CO3	Dental Materials : Under Dental Materials, they would have learnt about Gypsum products, impression materials, acrylics, composites, banding and bonding cements, wrought metal alloys, orthodontic arch wires, elastics, applied physics, specification and testing methods, survey of all contemporary and recent advances of above.
	CO4	Genetics : Under Genetics, they would have learnt about Cell


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		ructure, DNA, RNA, protein synthesis, cell division, Chromosomal abnormalities, Principles of orofacial genetics, Genetics in malocclusion, Molecular basis of genetics, Studies related to malocclusion, Recent advances in genetics related to malocclusion, Genetic counseling, Bioethics and relationship to Orthodontic management of patients.
	CO5	Physical Anthropology: Under Physical Anthropology, they would have learnt about Evolutionary development of dentition, Evolutionary development of jaws.
	CO6	Pathology: Under Pathology, they would have learnt about inflammation, and necrosis
	CO7	Bio statistics: Under Bio statistics, they would have learnt about Statistical principles, Sampling and Sampling technique, Experimental models, design and interpretation, Development of skills for preparing clear concise and cogent scientific abstracts and Publication.
	CO8	Applied research methodology in Orthodontics: Under Applied research methodology in Orthodontics, they would have learnt about Experimental design, Animal experimental protocol, Principles in the development, execution and interpretation of methodologies in Orthodontics, Critical Scientific appraisal of literature.
Diagnosis & Treatment planning	CO1	Orthodontic history: Under Orthodontic History they would have learnt about Historical perspective, Evolution of orthodontic appliances, Pencil sketch history of Orthodontic peers, History of Orthodontics in India.
	CO2	Concepts of occlusion and esthetics: Under this, the students would learn about Structure and function of all anatomic components of occlusion, Mechanics of articulation, Recording of masticatory function, Diagnosis of Occlusal dysfunction, Relationship of TMJ anatomy and pathology and related neuromuscular physiology.
	CO3	Etiology and Classification of malocclusion : Under this, the students would learn about, a comprehensive review of the local and systemic factors in the causation of Malocclusion and Various classifications of malocclusion.
	CO4	Dentofacial Anomalies : Under this, the students would learn about, anatomical, physiological and pathological characteristics of major groups of developmental defects of the orofacial structures.

	CO5	Child and Adult Psychology :Under this, the students would learn about Stages of child development, Theories of psychological development, Management of child in orthodontic treatment, Management of handicapped child, Motivation and Psychological problems related to malocclusion / orthodontics, Adolescent psychology, Behavioral psychology and communication.
	CO6	Diagnostic procedures and treatment planning in orthodontics : Under this, the students would learn about Stages of child development, Theories of psychological development, Management of child in orthodontic treatment, Management of handicapped child, Motivation and Psychological problems related to malocclusion / orthodontics, Adolescent psychology, Behavioral psychology and communication.
	CO7	Cephalometrics : Under this, the student would learn about, Instrumentation, Image processing, Tracing and analysis of errors and applications, Radiation hygiene, Advanced Cephalometrics techniques, Comprehensive review of literature, Video imaging principles and application.
	CO8	Practice management in Orthodontics : Under this, the student would learn about, Economics and dynamics of solo and group practices, Personal management, Materials management, Public relations, Professional relationship, Dental ethics and jurisprudence, Office sterilization procedures, Community based Orthodontics
Clinical Orthodontics	CO1	Myofunctional Appliances : The students will be capable of diagnosing and interpreting the knowledge obtained to treat developing malocclusion at a younger age.
	CO2	Dentofacial Orthopaedics : The students will develop acumen to identify and deliver treatment regimes using orthopaedic appliances to the appropriate cases.
	CO3	Cleft Lip & Palate Rehabilitation :The students will be trained to treat the CLCP cases with empathy starting with Naso alveolar moulding at the infant stage and then systematically treat the


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		malocclusion using removable / fixed orthodontics during the mixed & permanent dentition by harmonizing the treatment plan with the other members of the multidisciplinary cleft team.
	CO4	Biology of tooth movement: Basic understanding of the applied anatomy & physiology regarding to tooth & its surrounding structures will be inculcated into the student, so that the results of application of orthodontic forces can be understood and clinically used.
	CO5	Orthodontics/ Orthognathic Surgery : Students will be thoroughly trained in conjoint diagnosis & treatment planning of cases requiring surgical intervention.
	CO6	Ortho/ Perio/ Prosthodontic inter relationship : Students will be trained in treating complicated cases requiring a multidisciplinary approach in patient management.
	CO7	Basic Principles of mechanotherapy: Students will be trained in designing , construction , fabrication & management of cases using both removable & fixed orthodontics .
	CO8	Applied preventive aspects in Orthodontics: A comprehensive view of diagnosing & preventing caries, periodontal diseases to maintain proper inter arch relationship.
	CO9	Interceptive orthodontics: Students will be trained in growth guidance, diagnosing & treatment planning of early malocclusion both at mixed/ permanent dentition.
	CO10	Retention & relapse: Inculcating the acumen to analyze post treatment stability to prevent any relapse

Recent advances	CO1	The Students would be trained in above mentioned topics in detail, so that the student would know the recent updates along with the previous literature available.
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	PO1	PO2	PO3	PO4	PO5	PO6
CO1	✓	✓	✓		✓	✓
CO2		✓				
CO3	✓		✓		✓	✓
CO4	✓	✓	✓	✓	✓	✓
CO5	✓	✓			✓	
CO6			✓	✓	✓	
CO7	✓	✓	✓	✓		
CO8	✓	✓		✓	✓	✓

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	✓	✓	✓	✓	✓	
CO2		✓	✓		✓	✓
CO3	✓	✓	✓	✓	✓	✓
CO4	✓	✓				✓
CO5	✓		✓	✓	✓	✓
CO6	✓	✓			✓	✓
CO7		✓	✓	✓	✓	
CO8	✓	✓	✓	✓		✓

Course Part I – Applied Basic Sciences

Course Part II – Basic Orthodontics

Course Part III – Clinical Orthodontics

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Course Part IV – Essays

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	✓	✓	✓	✓	✓	✓

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	✓		✓	✓	✓	✓
CO2	✓	✓				✓
CO3	✓		✓	✓	✓	✓
CO4	✓	✓	✓	✓	✓	✓
CO5	✓	✓				✓
CO6		✓	✓		✓	✓
CO7	✓			✓		✓
CO8	✓	✓	✓		✓	✓
CO9	✓			✓		✓
CO10		✓	✓		✓	✓


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