CURRICULAR MAPPING - BDS PROGRAM

MAPPING OF PROGRAM OUTCOMES & PROGRAM SPECIFIC OBJECTIVES WITH COURSE OUTCOMES

OF MAPPING	503	004	600	203	CO 2	CO 1		S		COURSE					OF MAPPING	TOTAL DEGRE	CO 5	CO 4	CO 3	CO 2	CO 1	COURSE Phy DUTCOMES Phy			
2.2	Н	2	, ,	3	ω	ω		r atilo of Flocess	AnatPhysio &	Understand	3	KIII	BO1		1.4	3	1	2	3	3	3	Understand Anat Physio & Patho of Process	KUI	POI	
2	1	2	3	١	2	2	ivieasures	& Preventive	Methodologies	Treatment	NOZ	NID C	3		1.6		2	2	2	1	1	Understand Treatment Methodologies & Preventive Measures	KU2	PO2	
2	2	2	2)	2	1	Team Approach	Multidisciplinary	Planincluding using	Single Treatment	5	6 70			1.4		2	2	1	1	1	Diagnose & Design a Single Treatment Plan including using Multidisciplinary Team Approach	CS1	РОЗ	BDS 101 -
1.6	2	1	2				Patient Needs	Modalities to Suit	Treatment	Modify	CSZ	PC4		BDS 102 - I	1.5		2	1				Modify Treatment Modalities to Suit Patient Needs	CS2	P04	GENERAL
2.3	ц	3	1				Proper Investigations	Diagnoseusing	Diffentially	Perform Clinical Examination &	PS1	POS		A ADOTOISAHA	2.5	ı	u 1	J.			•	Perform Clinical Examination & Diffentially Diagnose using Proper Investigations	PS1	PO5	- GENERAL ANATOMY, HISTOL
2 2	33 1	2	•	,			Medications	Administer	Procedures &	Perform Clinical	PS2	P06	0	& BIOCHEMISTRY	2	u	1 1		1			Perform Clinical Procedures & Administer Appropriate Medications	PS2	P06	ISTOLOGY &
<u>,</u>		4	3	1	,		to Benefit Community	&Use Knowledge	Principals in Care	Maintain Ethical	AC1	P07		STRV	1.2	2	1	1	1			Maintain Ethical r Principals in Care s &Use Knowledge to Benefit Community	AC1	P07	OGY & EMBRYOLOGY
, ,	-	,					_	CDE for Life	Health Policy &	Participate in	AC2	PO8			1	1		•				Participate in National Oral Health Policy & CDE for Life Long Learning	AC2	PO8	OGY
1	1	2	,	4	1	BetterPatient Care	Modalities for	Treatment	Advanced Diagnostic 8	Comprehend	PSO1	PSO1			1	1	1		1		Care	Comprehend Advanced Advanced Diagnostic& Treatment Modalities for BetterPatient	PS01	PSO1	
1	1		,				or Clinical Practice	Organisational Skills	Communication &	Develop Optimum	PSO2	PSO2			1	1						Develop Optimum Communication & Organizational Skills for Pursuing Researchor Clinical Practice	PSO2	PSO2	



OF MAPPING	TOTAL DEGREE	6 00	CO 5		CO 4	CO3		CO 2	100		OUTCOMES						OF MAPPING	TOTAL DEGREE	CO 5	CO 4	CO 3	202	3	CO 1		OUTCOMES	COURSE					
2.5	3	2	2		2	ω		ω	W		Physio & Patho of Process	Understand Anat	NO.		PO1		3		3	3	ω	u		3	oi riocess	of Brocos	Understand Anat		KU1	i c	801	
1.6		ם	2		J	1		2	2	Measures	Methodologies & Preventive	Understand Treatment	KOZ		POS		1.3			2	-	щ		1	Measure	Methodologies &	Treatment	Understand	KU2	POZ	2	
1.6		1	ω	2		1		3	1	Team Approach	including using Multidisciplinary	Diagnose & Design a	CS1	P.G.		BDS 201	1.3			2	-	1		ream Approach	Multidisciplinary	including using	Single Treatment Plan	Diagnose & Design	CS1	PO3		
1.6		1	ω	1,3	1	12	ш		•		Modalities to Suit		CS2	PO4	100	- 3	Д	1		1	•				Patient Needs	Modalities to Suit	Modify Treatment		CS2	PO4	DU3 103 - DI	200
2		3	3	3		7	1		-	Investigations	Examination & Diffentially Diagnose	Perform Clinical	PS1	PO5	AL PAINOL	- GENERAL BATHOLOCK	2	2		1		2	ω	Investigations	using Proper	Diffentially Diagnose	Perform Clinical Examination &		PS1	PO5	DENIAL ANATOMY	TRITAL ARIAT
1.8	ω		3	2	-		1		•	Medications	Procedures & Administer Appropriate	Parform Clinical	PS2	PO6	2	9	1.6	•	F			2	2	Iviedications	Administer Appropriate	Procedures &	Perform Clinical		PS7	P06	1 -	
1.6	ω		3	2	L		1	ш		Benefit Community	Principals in Care &		ACI	P07	MICKOBIOLOGY		Þ	1	ц	ч		-		Benefit Community			Maintain Ethical	, i	2	PO7	& HISTOLOGY	
1.2	1	^	, ,	1	1		1	<u>ц</u>	Learning	CDE for Life Long	National Oral Health Policy &	Participate in	AC2	PO8			150	1	1	1			ω	Learning	CDF for Life Long	National Oral	Participate in	ACZ		PO8		
13	1	2	F		1	٠	•	1	Patient Care	Modalities for Better	Advanced Diagnostic & Treatment	Comprehend	PSO1	PSO1		-			1	1			. care	Š	_	Advanced Diagnostic	Comprehend	PSO1		PSO1		
•	1	1	1		1	,			or Clinical Practice	for Pursuing Research	Communication &		PSO2	PSO2		1.8		2	2	2	1	N	or clinical Practice	=			Develop Optimum	PSO2		PSO2		



TOTAL DEGREE OF MAPPING	CO 5	CO 4	6	3	8	COURSE OUTCOMES				OF MAPPING	COS	CO 4	CO 3	CO 2	001	COURSE			
1.8	1	щ	^	,	3 1	Understand Anat Physio & Patho of Process	KU1	PO1		2.2	1	2	2	3	ω	Understand Anat Physio & Patho of Process	KU1	PO1	
2	1	2	~	U		Understand Treatment Methodologies & Preventive Measures	KU2	P02		1.8	1	з	2	2	1 4	Understand Treatment Methodologies & Preventive Measures	KU2	PO2	
1.6	д	1	ω			Diagnose & Design a Single Treatment Plan including using Multidisciplinary Team Approach	CS1	P03		1.6	1	2	2	2	ц	Diagnose & Design a Single Treatment Plan including using Multidisciplinary Team Approach	CS1	PO3	BDS 202
1.5	2	•	2	ц	-	Modify Treatment Modalities to Suit Patient Needs	CS2	PO4	BDS 203	2.2	2	ω	w	2	1	Modify Treatment Modalities to Suit Patient Needs	CS2	P04	1
щ		1				Perform Clinical Examination & Diffentially Diagnose using Proper Investigations	PS1	P05	1	1.6	2	2	2	1	1	Perform Clinical Examination & Diffentially Diagnose using Proper Investigations	PS1	PO5	GENERAL PHARMACOLOGY
1		1			,	Perform Clinical Procedures & Administer Appropriate Medications	P52	P06	DENTAL MATERIALS	2	ω	2	3	1	1	Perform Clinical Procedures & Administer Appropriate Medications	PS2	P06	200
1.4	1	2	2	1	Ъ	Maintain Ethical Principals in Care & Use Knowledge to Benefit Community	AC1	PO7		2.2	w	2	ω	2	1	Maintain Ethical Principals in Care & Use Knowledge to Benefit Community	AC1	PO7	& THERAPEUTICS
ь	1	ь	ь	<u>щ</u>	н	Participate in National Oral Health Policy & CDE for Life Long Learning	AC2	PO8		1.2	2	1	1	1	1	Participate in National Oral Health Policy & CDE for Life Long Learning	AC2	PO8	S
1.25	2	1	1	1		Comprehend Advanced Diagnostic & Treatment Modalities for Better Patient Care	PSO1	PS01		1.2	1	1	2	1	1	Comprehend Advanced Diagnostic & Treatment Modalities for Better Patient Care	PSO1	PS01	
ц	1	1	•		•	Develop Optimum Communication & Communisational Skills Organisational Skills for Pursuing Research or Clinical Practice	PS02	PSO2		1	1	1	Д	1	1	Develop Optimum Communication & Organisational Skills for Pursuing Research or Clinical Practice	PSO2	PSO2	

SURENDERA DENTAL COLLEGE

8. RESEARCH INSTITUTE
8. RESEARCH OF ANGANAGAR (RAJ.)

				BDS	204 - PRE	CLINICAL PR	CLINICAL PROSTHETIC DENTISTRY	FNTISTRY			
Moderational Aware Profession Relation Profession Relation Relation Profession Relation Relation Profession Relation Relat		PO1	PO2	PO3		PO5	P06	P07	P08	PSO1	BSO3
Understand Abard Understand Disprove & Abusiars of Preform Clinical Profession (Incident Profession Comprehension of Profession Profession (Incident Profession Comprehension of Profession Profession (Incident Profession Comprehension Comprehension (Incident Profession Comprehension C		KU1	KU2	CS1	CS2	PS1	PS2	ACI	AC2	PSO1	PSO7
Same	COURSE	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 & Diffentially 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	Comprehend Advanced Diagnostic & Treatment Modalities for Better	
	CO 1	ω	1		•	1			Learning	Patient Care	or Clinical Practice
3 2 1 1 1 1 1 1 1 1 1	CO 2	2	2	1	1	,					
1	CO 3	ω	2	-				a		•	1
1			^	۲	Д.	•		•			
1	CO 4	ω	2	1	1		•			1	
PO1	CO 5	1	1	1	1	1	1	1	ъ	1	1
POII POI POI	TOTAL DEGREE OF MAPPING	2.4	1.6	1	ь	1	ı	д	ц	4	1
PO1 PO2 PO3 PO4 PO5 PO5				BDS 2	- PRE	LINICAL CON	TIVE	DENTISTRY			
KU1 KU2 CS1 CS2 PS1 PS2 AC1 AC2 PS01 Understand Anat Physio & Patho of Physio & Pathon of Process and Physio & Pathon of Process Pathon of Process (and Process) Understand Anat Phan Physio & Pathon (Including using of Proventive Physio & Pathon (Including using of Proventive Physio & Pathon (Including using of Proventive Physio & Patient Needs (Including using Proper Medications) Perform Clinical Examination & Procedures &		PO1	P02	PO3	P04	PO5	PO6	PO7	P08	PSO1	PSO2
Understand Anat Physic & Perform Clinical Of Process Understand Anat of Process Understand Anat of Process Understand Anat of Process Understand Anat of Process Understand Physic & Perform Clinical Procedures & Including using Procedures & Including using Procedures & Proce		KU1	KU2	CS1	CS2	PS1	PS2	AC1	AC2	PSO1	PS02
3 2 1 1 1 1 1 1 1 Learning Patient Care 2 2 2 2 1 1 1 2 2 1 1 2 2 2 1 1 1 1 2 2 1 1 2 2 1 1 1 1 1 1 2 1 2 2 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 1		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 & Diffentially 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		Develop Optimum Communication & Organisational Skills for Pursuing Research
2 2 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 2 1 2 2 2 1 2 2 1 2 2 1 2 1 2 1 2 1	601	ω	2	1	1	1	1	2	Learning 2	\rightarrow	or Clinical Practice
2 3 1 2 1 2 2 2 1 2 2 1 2 2 1 2 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 1 1 1 1 1 1 1 1 1 2 1 2 2 1 2 1 2 1 2 1 1 1 1 1 1 1 1 1 1	CO 2	2	2	2	2	1	1	2	2	1	1
2 2 1 1 1 1 1 2 2 2 2 1 2 2 2 1 2 2 2.2 2.2 1.4 1.6 1.4 1.4 1.8 1.5 1.6	CO 3	2	ω	1	2	2	2	2	2	2	1
2 2 1 2 2 2 1 2 2.2 2.2 1.4 1.6 1.4 1.4 1.8 1.5 1.6	CO 4	2	2	1	1	1	1	11	2	2	2
2.2 2.2 1.4 1.6 1.4 1.4 1.8 1.5 1.6	CO 5	2	2	н	2	2	2	2	ц	2	2
	OF MAPPING	2.2	2.2	1.4	1.6	1.4	1.4	1.8	1.5	1.6	1.4

OF MAPPING	TOTAL DEGREE	CO 5	CO 4	8		CO 2	CO 1	COURSE				OF MAPPING	TOTAL DEGREE	CO 5	CO 4	CO 3	CO 2	CO 1		OUTCOMES	COURSE				
1.8		_	1	٨		2	ω	Understand Anat Physio & Patho of Process	KU1	PO1		1.0	2	Д.	2	1	2	ω		of Process	Physio & Patho		KU1	PO1	
2		3	2	N		2	2	Understand Treatment Methodologies & Preventive Measures	KU2	PO2		2	,	1	2	2	2	ω	Measures	Preventive	Treatment	Understand	KUZ	PO2	
1.6	2		2	2		1	1	Diagnose & Design a Single Treatment Plan including using Multidisciplinary Team Approach	CS1	PO3		2	,	1	2	2	2	3	Team Approach	micidaing using	Single Treatment Plan	Diagnose & Design a	CS1	P03	
1.4	F	,	3	2	,	A	1	Modify Treatment Modalities to Suit Patient Needs	CS2	PO4	BDS 302	2	F	-	2 1	2	2		Patient Needs	Modalities to Suit	Modify Treatment		CS2	P04	BDS 301
1.6	р-	U	3	ь		1	P	Perform Clinical Examination & Diffentially Diagnose using Proper Investigations	PS1	PO5	302 - GENERAL SUR	2.2	1-	٠ د	7	J (۱ س	3	using Proper Investigations	Diffentially Diagnose	Examination &	Perform Clinical	PS1	P05	1
2.2	1	¢.		3	ω		12	Perform Clinical Procedures & Administer Appropriate Medications	PS2	P06	AL SURGERY	2.2	12	u	u	J (4	J -		Medications	Administer Appropriate	Perform Clinical		PS2	PO6	GENERAL MEDICINE
2	ω	2		2	2	j	1	Maintain Ethical Principals in Care &Use Knowledge to Benefit	AC1	P07		2.4	2	ω	ω	2	2		Benefit Community	Fincipals in Care &	Maintain Ethical		AC1	P07	
1.4	2	2		1	1	,	_	Participate in National Oral Health Policy & CDE for Life Long Learning	AC2	PO8		2	3	2	2	2	4	real lillig	CDE for Life Long	Health Policy &	National Oral	Participate in	AC2	PO8	
1.2	1	2		ы	1	٠		Comprehend Advanced Diagnostic & Treatment Modalities for Better Patient Care	PSO1	PS01		1.4	1	2	1	1	2	Patient Care	Modalities for Better	& Treatment	Advanced Diagnostic	Commission	PS01	PSO1	
1.4	2	2		1	1	. ر		Develop Optimum Communication & Organisational Skills for Pursuing Research or Clinical Practice	PSO2	PSO2		1.4	3	1	1	1	1	or Clinical Practice	-	Organisational skills			PSO2	PSO2	



TOTAL DEGREE 2.83		CO 6 3	CO 5 3		CO 4 3	CO 3 3		CO 2 2	CO 1 3	COURSE Understand Anat Physio & Patho of Process	NOT		P01		TOTAL DEGREE OF MAPPING 3	CO 5 3	CO 4 3	CO 3 3		CO 1 3	OUTCOMES Physio & Patho of Process	COURSE Understand Anat	ROL	PO1	
2.16		3	2	U	u	3		-	2	_ ≾	RUZ	702			2	2	2	2	3	1	Methodologies & Preventive Measures	Understand at Treatment	KU2	PO2	
2.5	u	u	ω	Þ	•	3	١	3	3	Single Treatment Plan including using Multidisciplinary Team Approach	CS1	POS			1.4	1	1	2	2	1	including using Multidisciplinary Team Approach	Diagnose & Design a Single Treatment Plan	CSI	PO3	BU
2.16	2		ω	2		ω	^	,	1	Modify Treatment Modalities to Suit Patient Needs	CS2	P04	-		1.4	1	1	3	2	1		n Modify Treatment	CS2	P04	5 303 - OR/
2.83	ω		ω	ω		2	ω		D 0000	Perform Clinical Examination & Diffentially Diagnose using Proper	PS1	POS	OKAL MEDICINE &		2		7 6		2 1	3	Diffentially Diagnose using Proper Investigations	Perform Clinical	PS1	PO5	BDS 303 - ORAL PATHOLOGY &
2.16	,	,	_	ω		3	2	,	۵	Perform Clinical Procedures & Administer Appropriate Medications	PS2	P06	INE & RADIOLOGY		,	1	۲	7	2		Procedures & Administer Appropriate Medications	Perform Clinical	PS2	PO6	
J	ω	þ		ω	,	ω	1	٠	4	Maintain Ethical Principals in Care & Use Knowledge to Benefit Community	AC1	P07	LOGY	2	з	2	1	2			B - P	Maintain Ethical	AC1	P07	/IICROBIOLOGY
3	2	2		ω		3	3	2	Learning	Participate in National Oral Health Policy & CDE for Life Long	AC2	PO8		1.7	2	2	2	1	,	Learning	National Oral Health Policy & CDE for Life Long	Participate in	AC2	P08	
	ω	ω		ω	t.		ω.	ω	Patient Care	Comprehend Advanced Diagnostic & Treatment Modalities for Better	PSO1	PSO1		2.2	1	2	ω	3	2	Patient Care	Adv	Comprehend	PS01	PS01	
	ω	2		2	2		2	2	or Clinical Practice	Develop Optimum Communication & Organisational Skills for Pursuing Research	PSO2	PSO2		2.5	3	2	3	3		or Clinical Practice	ਰ 0	Develop Optimum	PS02	PSO2	

SURENDERA DENTAL COLLEGE SURENDERA DENTAL COLLEGE B. RESEARCH INSTITUTE B. RESEARCH INST

OF MAPPING	TOTAL DEGREE	COS	CO 4	CO 3	0	500	CO 1	VES SE					OF MAPPING	TOTAL DECEME	COS	CO 4	CO3		CO 2	CO 1		COLCOMIES					
2			ادر	2	U	u	3	Understand Anat Physio & Patho of Process		KU1	PO1		2.2		2	2	2		2	ω		of Process	Physio & Patho	Inderstand Anat	KUL	Ę	
2.6		3	2	3	u	1	3	Treatment Methodologies & Preventive Measures	Understand	KU2	P02		2.6		ω	2	ω	,	J.	3	Measures	Preventive	Methodologies &	Understand	KU2	P02	
2.6	u	,	ω	ω	2		2	Single Treatment Plan including using Multidisciplinary Team Approach	Diagnoss & Design	CSI	PO3	BDS 403	2.6	ţ		2	з	u		2	Team Approach	Multidisciplinary	including using	Diagnose & Design a	CSI	PO3	
2.4	ω	·	u	3	2	1	1	Modify Treatment Modalities to Suit Patient Needs	22	Cea	PO4	3 - CONSERVATIVE	2.4	U	2	2	ω	2		2		Patient Needs			CS2	P04	10 - 70t CAG
2.75	2	u	,	3	ω		vestigations	Perform Clinical Examination & Diffentially Diagnose using Proper	LSI				1.6	٢		1	1	ω		3	Investigations	Diffentially Diagnose	Examination &	Perform Clinical	PS1	PO5	- OKAL & WAXILLOFAC
2	2	ω		3	1			Perform Clinical Procedures & Administer Appropriate Medications	PS2	700	1	DENTISTRY & FN	2.2	ω	u	v	2	2	F		Medications	Administer Appropriate	Procedures &		PS2	PO6	LOFACIAL S
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2	2	4	,	1	Д		Maintain Ethical Principals in Care & Use Knowledge to Benefit Community	AC1	POZ		FUDODONTICS	2.8	ω	u	, ,	u	2	ω		Benefit Community		Maintain Ethical		ACI	P07	IAL SURGERY
	2	2	н		1	1	Learning	Participate in National Oral Health Policy & CDE for Life Long	ACZ	PO8		ń	1.8	2	2		3	1	2	Learning	CDE for Life Long	Health Policy &	National Oral	Participate in	AC2	PO8	
	2	2	2		2	1	Patient Care	Comprehend Advanced Diagnostic & Treatment Modalities for Better	PSO1	PSO1			2.8	ω	ω	w		ω	2	Patient Care	Mo	& Treatment	Advanced Diagnostic		PS01	PS01	
	2	2	1	•	1	1	or Clinical Practice	Develop Optimum Communication & Organisational Skills for Pursuing Research	PSO2	PSO2			1.80	3	1	ц		2	2	_	-	Organisational Skills			PSO2	PS02	

SURENDERA DENTAL COLLEGE 8. RESEARCH INSTITUTE 8. RESEARCH ASAR (RAJ.)

TOTAL DEGREE	60.5	5	8	CO 3	CO 2	6		COURSE				OF MAPPING		0.5	CO 4	CO 3	CO 2		CO 1	OUTCOMES	COURSE				
2.75		u	, ,	2	3	u	of Process	Understand Anat Physio & Patho	KU1	P01		2.6		2	2	ω	ω		ω	of Process	Physio & Patho	Understand Anat	KU1	PO1	
2.6	2	w	,	2	ω	u	Preventive Measures	Understand Treatment Methodologies &	KU2	PO2		2.4	ı	3	2	2	ω	t	Measures	Preventive	Methodologies &	Understand	KU2	P02	
2.2	1	ω			3	2	Multidisciplinary Team Approach	Diagnose & Design a Single Treatment Plan including using	CS1	PO3	BDS	2.4		1 .	2	2	ы	ı	Team Approach	Multidisciplinary	including using	Diagnose & Design a	CS1	P03	
2.4	ω	ω	u	1	2	4	Patient Needs	Modify Treatment Modalities to Suit	CS2	PO4	BDS 405 - PRO			,	3	2	2			Patient Needs			CS2	PO4	BD
2.4	1	ω	ω		3	2	using Proper Investigations	Perform Clinical Examination & Diffentially Diagnose	PS1	PO5	- PROSTHODONTICS	2.2	2	2	,	2	ω	2	Investigations	using Proper	Examination &	Perform Clinical	PS1	POS	BDS 404 - PERI
2.5	2	ω	ω	1	2		Administer Appropriate Medications	Perform Clinical Procedures &	PS2	PO6	CS CROWN &	2.2	2	2	u		2	2	Medications	Administer Appropriate	Procedures &	Parform Clinical	PS2	P06	- PERIODONTICS
2.75	ω	3	3	•	3		Use Knowledge to Benefit Community	Maintain Ethical Principals in Care &	AC1	P07	& BRIDGE	1.6	1	1	2		2	2	Benefit Community		Principals in Care &		AC1	P07	
:	2	ω	ω	u	J	3	CDE for Life Long	Participate in National Oral	AC2	PO8		1.2	1	1	2		1	1	Learning	Health Policy &	National Oral	Participate in	ACZ	P08	
	2	3	2	2			& Treatment Modalities for Better	Comprehend Advanced Diagnostic	PSO1	PSO1		1.6	1	12	2		3	2	Patient Care		Advanced Diagnostic	Comprehend	PSO1	PS01	
	3	1	1	<u>н</u>		or chilical Fractice	Organisational Skills for Pursuing Research	Develop Optimum Communication &	PSO2	PSO2		1.4	1	1	2	P	3	1	for Pursuing Research		Communication &	Develon Ontimum	PSO2	PS02	

SURENDERA DENTAL COLLEGE SURENDERA DENTAL COLLEGE SURESEARCH INSTITUTE B. RESEARCH INSTI

OF MAPPING	TOTAL DEGREE	CO 5	CO 4	6	3	CO 2	01	COURSE					OF MAPPING		CO 5	CO 4	CO 3		002	CO 1		OUTCOMES				
3		S	ω	ω		ω	ω	Understand Anat Physio & Patho of Process		KIII	PO1		2.4		4	ω	ω		2	ω	of Process	Physio & Patho	Understand Anat	KU1	FOI	
ω		ш	ω	ω	t	u	ω	Treatment Methodologies & Preventive Measures	Indorstand		POS		2.8	r	3	3	3		u u	3	Preventive Measures	Methodologies &	Understand	KU2	PO2	
2.4		3	2	ω	u	3	2	Single Treatment Plan including using Multidisciplinary Team Approach	Si Ci		000 to/-	BDC /107	2,4	u	2	ω	u	٨	3	1	Multidisciplinary Team Approach	including using	Diagnose & Design a	CI	PO3	1 000
2.8	u	•	ω	ω	u		2	Modify Treatment Modalities to Suit Patient Needs	CS2	1	ON INCOOR	OBTLODO	2.6	w		ω	3	u	,	1	Patient Needs	Modalities to Suit		CS2	PO4	406 - PAE
2.4	2		u	ω	ω		1	Perform Clinical Examination & Diffentially Diagnose using Proper Investigations	PS1	POS	ORTHODONICS & DENIOFA	110000	2.4	ω		W	ω	ω		0	using Proper	Examination & Diffentially Diagnose	Perform Clinical	PS1	PO5	BUS 406 - PAEDIATRIC & PREVEN
2	1	2		ω	2		2	Perform Clinical Procedures & Administer Appropriate Medications	PS2	PO6			2	ω	C	u	2	2	c		Administer Appropriate Medications	Procedures &	Perform Clinical	PS2	PO6	REVENTIVE
2.6	ω	ω		ω	2	,	3	Maintain Ethical Principals in Care & Use Knowledge to Benefit Community	ACI	P07	CIAL ORTHOPAEDICS		2.4	3	^		ω	3	-			Principals in Care &	Maintain Factor	ACI	PO7	TIVE DENTISTRY
2.4	ω	ω		2	2	2	Learning	Participate in National Oral Health Policy & CDE for Life Long	AC2	PO8	olics	2:0	36	2	ω	t	u	2	ω	Learning	CDE for Life Long	National Oral	Participate in	AC2	P08	
2	2	2	ţ	w	3	2	Patient Care	Comprehend Advanced Diagnostic & Treatment Modalities for Better	PSO1	PSO1		2.6		8	ω	u		2	2	Patient Care	& Treatment Modalities for Better	Advanced Diagnostic	Comprehend	PS01	PS01	
	3	3	U	u l	2	2	or Clinical Practice	Develop Optimum Communication & Organisational Skills for Pursuing Research	PSO2	PSO2		1.4		ω	1	1-1		2	0	or Clinical Practice	Organisatiional Skills for Pursuing Research	Communication &	Develop Optiming	PSO2	PSO2	

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OF MAPPING	TOTAL DEGREE		CO 5	4	8	CO 3		CO 2	,	COURSE					
,	3		2	בן		2		2	u	Physio & Patho of Process		KOI		PO1	
4.5	3.5	ı	ω	ω		ω	,	5	2	Treatment Methodologies & Preventive Measures	Understand	KU2		POS	
2.4		ú	D .	ω	ţ	۵	F		2	Single Treatment Plan including using Multidisciplinary Team Approach	Diagnose & Design a	CS1	0.00	5	
2.4		u	,	ω	U	s	,		2	Modify Treatment Modalities to Suit Patient Needs		CS2	PO4		BDS 408
2.4		ω		3	ú		ц		2	Examination & Diffentially Diagnose using Proper Investigations	Perform Clinical	PS1	POS		- PUBLIC HE/
2.2		3		3	ω		1	ı	1	Perform Clinical Procedures & Administer Appropriate Medications		PS2	PO6		BDS 408 - PUBLIC HEALTH DENTISTRY
2.8		3	,	3	3		ၽ	u		Maintain Ethical Principals in Care & Use Knowledge to Benefit Community		ACI	P07		TRY
2		2	٨		2		2	2	Learning	Participate in National Oral Health Policy & CDE for Life Long		AC2	PO8		
2		2	ú.		3		1	ъ	Patient Care	Comprehend Advanced Diagnostic & Treatment Modalities for Better		PSO1	PSO1		
2.2		ω	2		2		2	2	or Clinical Practice	-	F302	Beech	PSO2		

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DEPARTMENT OF PROSTHODONTICS

CO-PO MAPPING

Applied anatomy, physiology, pathology and dental materials

	PO1	PO2	PO3	PO4	PO5
CO1	1	1	1		103
CO2		1		1	1
CO3	1		1		
CO4					

Removable prosthodontics and oral implantology

	PO1	PO2	PO3	PO4	PO5
CO1	1	1	1	1	105
CO2		1	1	-	
CO3	1	1	1	1	
CO4				1	

Fixed prosthodontics

	PO1	PO2	PO3	PO4	PO5
CO1		1	1		1.00
CO2				1	1
CO3	1				V
CO4	1	1	1	1	1

Essay

	PO1	PO2	PO3	PO4	PO5
CO1	1	1	1	1	1
CO2	1	1	1	1	1

SURENDERA DENTAL COLLEGE & RESEARCH INSTITUTE & RESEARCH AGAR (F. . Program: MDS in Public Health

DentistryCourse: Part I - Applied

Basic Sciences

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	P08
CO1	√					1		
CO2		1			1	•		
CO3	✓							
CO4				√				V
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	P08
CO1	√		1					
CO2	√			1	√			-/
CO3	✓				1			
CO4								-/
CO5								
CO6								

Program: MDS in Public Health

Dentistry Course: Part II, Paper II -

Dental Public Health

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	P08
CO1	√		1			1		
CO2		✓			✓			1
CO3	✓		✓		1		1	
CO4			√					

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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	1		7			1		
CO2		✓	?	✓	√			√
CO3	✓		✓ ·					

SURENDERA DENTAL COLLEGE & RESEARCH INSTITUTE SRI GANGANAGAR (RAJ.

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

		A44- 1 C
MDS PAEDO	- CO 1	At the end of course, postgraduate should be able to
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 biostatics
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 Dentistryas 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

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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	/	1	1	1	
CO 2		1	1		
CO 3		1			

Course 2

	PO 1	PO 2	PO 3	PO 4	PO 5
CO 1	1	1	1	1	
CO 2	1	1	/	1	1
CO 3				1	
CO 4	1		1		
CO 5		1	1	1	1

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	PO 1	PO 2	PO 3	PO 4	PO 5
CO 1	1		1	1	1
CO 2		1	1		1
CO 3		/		1	10
CO 4		1		1	

Course 4

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

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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 udent should be able to obtain proper clinical hi ory, methodical examination of the patient, perform essential diagno ic procedures, and interpret them and arrive at a reasonable diagnosis about the Dentofacial deformities.

PO3: Should be competent to fabricate and manage the mo 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 a ecting the long- range ability 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:

	T ===	T
Applied Basic Sciences	CO1	Applied Anatomy: Under Anatomy, they would have learnt about Prenatal and po natal growth of head, bone growth, assessment of growth and development, muscles of ma ication, 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, ela ics, applied physics, specification and te s methods, survey ofall 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 learntabout inflammation, and necrosis
	C07	Bio ati ics: Under Bio ati ics, theywould have learnt about Stati ical 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	C01	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.
		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.
		Dentofacial Anomalies: Under this, the students would learn about, anatomical, physiological and pathological characteristics of major groups of developmental defects of the orofacial structures.

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	COF	CITI
	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.
	C06	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.
	C07	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 byharmonizing the treatment plan with the other members og 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.
C	CO5	Orthodontics/ Orthognathic Surgery :Students will be thoroughly trained in conjoint diagnosis & treatment planning of cases requiring surgical intervention.
C	CO6	Ortho/ Perio/ Prostho inter relationship: Students will be trained in treating complicated cases requiring a multidisciplinary approach in patient management.
C	CO7	Basic Principles of mechanotherapy: Students will be trained in designing, construction, fabrication &management of cases using both removable & fixed orthodontics.
C	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.
C	CQ10	Retention & relapse: Inculcating the acumen to analyze post treatment stability to prevent any relapse

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Recent advances		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	1	1	1		1	1
CO2		1				
CO3	1		1		1	1
CO4	1	1	1	1	1	1
CO5	1	1			1	
CO6			1	1	1	
CO7	1	1	1	1		
CO8	1	1		1	1	1

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	1	1	1	1	1	
CO2		1	1		1	1
CO3	1	1	1	1	1	1
CO4	1	1				1
CO5	1		1	1	1	1
CO6	1	1			1	1
CO7		1	1	1	1	
CO8	1	1	1	1		√

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	101	1	1	1	1	1	

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	101	102	1	1	1	1
						1
CO2	<i></i>	V		1	1	1
CO3	√					1
CO4	1	1	/			
CO5	1	1				
CO6		1	1		1	/
CO7	1			1		1
CO8	1	1	1		1	1
CO9		-		1		1
	V				1	1
CO10		✓	V			

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