



TAGORE DENTAL COLLEGE & HOSPITAL

Rathinamangalam, Melakkottaiyur Post, Chennai - 600 127. Ph : 044 - 3010 2222

E-mail : tagoredch@gmail.com / admin@tagoredch.in Website : www.tagoredentalcollege.com

Recognized by The Dental Council of India, New Delhi
Affiliated to the Tamilnadu Dr. M.G.R. Medical University, Chennai.

COURSE AND PROGRAM OUTCOMES

The affiliating institution specifies the learning outcomes for both the BDS and MDS programmes, and the college implements the curriculum as needed to meet the objectives. Students and faculty are informed about the results through the college website and the orientation programme. These key learning results are presented below.

Learning Objectives

1. The incorporation of fundamental sciences, clinical dental surgery, laboratory and practical abilities
2. Adequate practical skills, including patient management abilities, patient care of all age group, with special attention to children, elderly, and patients who are immune compromised or disabled.
3. Social elements of health care, in particular oral health care, including the causes of societal differences in oral and dental demands.
4. Driven to engage in multidisciplinary research projects and emphasis the importance of evidence-based dentistry
5. Attending continuing dental education courses in dental surgery to gain knowledge on current strategies
6. Acquires knowledge in cross-infection prevention in dental practices
7. To understand the role of different dental tissues in forensic sciences.
8. Participates in community camps, general hospital postings, and dentistry hospitals
9. Executes all types of local anesthesia, and gains knowledge about different maxillofacial issues such injuries, infections, and jaw deformities.
10. Different types of restoration, endodontic procedures, and fixed and removable prosthodontics
11. Recognize the significance of malocclusion development and dentofacial growth.


DR. C.S. VENKATA KRISHNAN, B.S., Ph.D.,
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Graduate Qualities:

12. Gain knowledge of various radiological techniques and how they are interpreted. The affiliating institution defines the Graduate Traits, and the college follows the university's procedures to evaluate students on these attributes. The key graduate characteristics are listed below.

1. Graduating with technical and clinical skills is mandatory for general dental practice.
2. Provide patients, regardless of age, with comprehensive oral care.
3. To understand how oral and health care are impacted by social, behavioral, environmental, and economic issues.
4. Providing medical and dental care as a member of the healthcare team, especially to rural residents.
5. Self-centered learning for ongoing dental surgery improvement.
6. Learns about modern dental surgery technology
7. Aids in maintaining documents that might be important for forensic investigations and pursuing forensic science as a career.
8. A graduate who is capable of identifying and diagnosing dental and oral problems, undergoing dental treatment, and offering prevention advice.
9. Competencies for performing minor oral surgeries and tooth extractions in general dentistry set-up. Capable of doing such procedures with graded general practice skills
10. Patients receiving straightforward appliance therapy in the realm of orthodontics
11. Knowledge of radiation risks and appropriate safeguards for patients, operators, and employees

During the orientation session and on the college website, information regarding the Graduate Attributes is provided to both students and professors.



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DEPARTMENTS

BIOCHEMISTRY - COURSE OBJECTIVES AND OUTCOMES

CODE	COURSE OBJECTIVE	LEVEL OF PROFICIENCY\SKILL	ASSESSMENT TOOL
CO1	FLUENT IN CARBOHYDRATES,LIPIDS,AMINOACID,MINERAL, AND VITAMIN METABOLISM	I	TERMINAL EXAM
CO2	ABILITY TO TEST CARBOHYDRATES,PROTEINS AND BILE	II	PRACTICAL EXAM
CO3	ABILITY TO IDENTIFY VITAMIN ,MINERAL AND HORMONAL DISORDER	II	PRACTICAL EXM

OUTCOME ANALYSIS

MARK PERCENTAGE ; 70% AND ABOVE – GOOD ; 30% TO 69% -ADEQUATE ; LESS THAN 30% - INADEQUATE
FROM ACADEMIC YEAR 20 - ,CODE CO3 IS MEASURED AS 70% AND ABOVE - GOOD, 30% TO 69 %, ADEQUATE, AND LESS THAN 30 % IS INADEQUATE.


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OUTCOMES PER ACADEMIC YEAR

2017-2018

CODE	COMPLEXITY LEVEL	GOOD	ADEQUATE	INADEQUATE	UNIVERSITY EXAM
CO1	I	2	80	3	95% 81/85
CO2	II	1	82	2	
CO3	II	1	83	1	

CODE	COMPLEXITY LEVEL	GOOD	ADEQUATE	INADEQUATE	UNIVERSITY EXAM
CO1	I	1	76	2	97.5% 77/79
CO2	II	1	77	1	
CO3	II	1	77	1	


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2019-2020

CODE	COMPLEXITY LEVEL	GOOD	ADEQUATE	INADEQUATE	UNIVERSITY EXAM
CO1	I	1	77	1	98% 77/79
CO2	II	1	76	2	
CO3	II	2	76	1	

2020-2021

CODE	COMPLEXITY LEVEL	GOOD	ADEQUATE	INADEQUATE	UNIVERSITY EXAM
CO1	I	1	92	3	97% 92/95
CO2	II	2	92	2	
CO3	II	1	94	1	


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2021-2022

CODE	COMPLEXITY LEVEL	GOOD	ADEQUATE	INADEQUATE	UNIVERSITY EXAM
CO1	I	1	83	3	
CO2	II	2	83	2	
CO3	II	1	85	1	

PHYSIOLOGY - COURSE OBJECTIVES AND OUTCOMES

COD E	COURSE OBJECTIVE	LEVEL OF PROFICIENCY\SKILL	ASSESSMENT TOOL
CO1	GENERAL PHYSIOLOGY, MUSCLE HEMATOLOGY, GASTRO INTESTINAL, EXCRETORY, ENDOCRINE, REPRODUCTIVE, CARDIAC VASCULAR SYSTEM, RESPIRATORY SYSTEM, CENTRAL NERVOUS SYSTEM AND SPECIAL SENSES.	I	TERMINAL EXAM
CO2	ABILITY TO DO HEMATOLOGY EXPERIMENTS.	II	PRACTICAL EXAM
CO3	CLINICAL PHYSIOLOGY EXPERIMENTS.		PRACTICAL EXAM

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OUTCOME ANALYSIS

MARK PERCENTAGE ; 70% AND ABOVE – GOOD ; 30% TO 69% -ADEQUATE ; LESS THAN 30% - INADEQUATE FROM ACADEMIC YEAR 20 - ,CODE CO3 IS MEASURED AS % AND ABOVE - GOOD, 30% TO 79 % ADEQUATE AND LESS THAN 30 % IS INADEQUATE.

OUTCOME ANALYSIS

MARK PERCENTAGE ; 50% AND ABOVE - ADEQUATE ; LESS THAN 50% - INADEQUATE

OUTCOMES PER ACADEMIC YEAR

2017-2018

COD E	COMPLEXITY LEVEL	GOOD	ADEQUATE	INADEQUATE	OVERALL PROGRAM OUTCOME
CO1	I	2	80	3	95% 81/85
CO2	II	1	82	2	
CO3	II	1	83	1	

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2018-2019

COD E	COMPLEXITY LEVEL	GOOD	ADEQUAT E	INADEQUITE	OVERAL L PROGRA M OUTCOME
CO1	I	1	76	2	97.5% 77/79
CO2	II	1	77	1	
CO3	II	1	77	1	

2019-2020

COD E	COMPLEXITY LEVEL	GOOD	ADEQUA TE	INADEQU TE	OVERAL L PROGRA M OUTCOME
CO1	I	1	77	1	98% 77/79
CO2	II	1	76	2	
CO3	II	2	76	1	


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2020-2021

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CO1	I	1	92	3	97% 92/95
CO2	II	2	92	2	
CO3	II	1	94	1	

COURSE OUTCOME

DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS

- CO1-Capable of identifying various types of carious lesion
- CO2-Ability to position patient's chair according to the various procedures performed. Maintains correct posture. when interacting and performing procedures in patients
- CO3-Ability to showcase the use of hand washing methods and adequate use of personal protective gears.

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- CO4-Thorough knowledge on restorative materials including silver amalgam, glass ionomer cement, and composite resins to provide restorative patient care for all forms of carious lesions in teeth with healthy pulp
- CO5-Placement of intermediate filling material as indicated
- CO6-Using the direct and indirect pulp capping procedures for deep carious lesions after thorough clinical evaluation
- CO7-Restoring midline diastema using direct composite resin layering technique.
- CO8-Thorough knowledge and understanding on the principles of aesthetic dental procedures.
- CO9-Capable of performing restorative procedures for all types of carious lesion in Phantom heads.
- CO10-Competent to manipulate different dental materials.
- CO11-Ability to identify and use dental restorative Equipment efficiently
- CO12-Efficient to perform preclinical endodontic therapy in single rooted extracted teeth


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Course name	Course code	Programme outcome	Course outcome	Degree of complexity	Year	High	Moderate	Low	Not achieved
Conservative dentistry and endodontics	CO1	PO8	Capable of identifying various types of carious lesion	L 2	2015-16	60	15	8	1
					2016-17	71	11	5	3
					2017-18	65	18	5	1
					2018-19	70	10	5	2
					2019-20	58	12	2	2
					2020-21	57	8	3	3
					2021-22	58	7	4	2

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Conservative dentistry and endodontics	CO2	PO14, P12	Ability to position patient's chair according to the various procedures performed. Maintains correct posture. When interacting and performing procedures in patients.	L2	2015-16	65	8	8	2
					2016-17	71	12	6	2
					2017-18	68	13	6	2
					2018-19	72	8	6	1
					2019-20	60	12	1	1
					2020-21	54	8	6	3
					2021-22	57	6	6	3
Conservative dentistry and endodontics	CO3	PO10	Ability to showcase the use of hand washing methods and adequate use of personal protective gears.	L1	2015-16	66	9	8	1
					2016-17	73	8	6	2
					2017-18	70	13	4	2
					2018-19	72	10	4	1
					2019-20	60	10	2	2
					2020-21	59	8	2	2

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Conservative dentistry and endodontics	CO4	PO10, PO11, PO612, PO15	Thorough knowledge on restorative materials including silver amalgam, glass ionomer cement, and composite resins to provide restorative patient care for all forms of carious lesions in teeth with healthy pulp	L3	2015-16	60	15	7	2
					2016-17	73	9	6	3
					2017-18	65	18	4	2
					2018-19	70	10	6	1
					2019-20	60	10	2	2
					2020-21	55	8	5	3
					2021-22	57	10	6	2
Conservative dentistry and endodontics	CO5	PO11, P14	Placement of intermediate filling material as indicated	L3	2015-16	65	10	8	1
					2016-17	68	12	9	2
					2017-18	71	12	5	1
					2018-19	70	10	5	2
Conservative dentistry and endodontics	CO6	PO11, P12, P14, P15	Using direct and indirect pulp capping procedures for deep carious lesions after thorough	L3	2015-16	65	10	8	1
					2016-17	72	10	7	2

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s			clinical evaluation		2017-18	68	15	4	2
					2018-19	71	9	6	1
					2019-20	58	12	2	2
					2020-21	59	9	1	2
					2021-22	57	7	5	2
Conservative dentistry and endodontics	CO7	P012, P015	Restoring midline diastema using direct composite resin layering technique.	L3	2015-16	67	8	6	3
					2016-17	72	9	7	3
					2017-18	70	12	5	2
					2018-19	70	10	6	1
					2019-20	60	10	3	1
					2020-21	61	6	2	2
					2021-22	60	7	3	1
Conservative dentistry and endodontics	CO8	P011	Thorough knowledge and understanding on the principles of aesthetic dental procedures.	L1	2015-16	62	13	5	4
					2016-17	73	10	4	4
					2017-18	69	14	3	3
					2018-19	68	11	7	1
					2019-20	58	11	3	2
					2020-21	57	10	1	3

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					2021-22	59	8	2	2
Conservative dentistry and endodontics	CO9	PO10, PO11, PO15	Capable of performing restorative procedures for all types of carious lesion in Phantom heads.	L2	2015-16	64	11	8	1
					2016-17	72	10	5	3
					2017-18	67	14	6	2
					2018-19	69	11	6	1
					2019-20	60	13	2	1
					2020-21	60	7	4	1
					2021-22	59	7	3	2
Conservative dentistry and endodontics	CO10	PO5, PO11, PO15	Possess skills to manipulate different dental materials.	L2	2015-16	64	14	5	1
					2016-17	72	10	5	3
					2017-18	67	16	5	1
					2018-19	71	9	6	1
					2019-20	60	10	2	2
					2020-21	60	8	1	2
					2021-22	57	10	2	2
Conservative dentistry and endodontics	CO11	PO5, PO12	Ability to identify and use dental restorative Equipment efficiently	L2	2015-16	65	14	4	1

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					2016-17	76	8	5	3
					2017-18	67	14	6	2
					2018-19	68	12	6	1
					2019-20	60	10	2	2
					2020-21	58	8	3	2
					2021-22	57	9	3	2
Conservative dentistry and endodontics	CO12	PO5, PO11	Efficient to perform preclinical endodontic therapy in single rooted extracted teeth	L2	2015-16	64	12	6	2
					2016-17	72	12	5	2
					2017-18	66	18	4	1
					2018-19	70	10	4	3
					2019-20	61	10	1	2
					2020-21	60	7	3	1
					2021-22	61	6	2	2

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Course	Year	CO1	CO2	CO3	CO4	CO5	CO6
No. of students	2015-16	84	84	84	84	84	84
Achieved the course outcome	2016-17	91	91	91	91	91	91
	2017-18	89	89	89	89	89	89
	2018-19	87	87	87	87	87	87
	2019-20	74	74	74	74	74	74
	2020-21	71	71	71	71	71	71
	2021-22	71	71	71	71	71	71
Average of students achieved the Program outcome	2015-16	98%	97%	97%	97%	98%	98%
	2016-17	96%	97%	98%	96%	97%	97%
	2017-18	98%	97%	98%	97%	98%	97%
	2018-19	97%	98%	97%	98%	97%	98%
	2019-20	97%	98%	98%	97%	97%	97%
	2020-21	96%	96%	97%	96%	98%	97%
	2021-22	97%	96%	97%	97%	97%	97%


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Course	Year	CO7	CO8	CO9	CO10	CO11	CO12
No. of students	2015-16	84	84	84	84	84	84
Achieved the course outcome	2016-17	91	91	91	91	91	91
	2017-18	89	89	89	89	89	89
	2018-19	87	87	87	87	87	87
	2019-20	74	74	74	74	74	74
	2020-21	71	71	71	71	71	71
	2021-22	71	71	71	71	71	71
Average of students achieved the Program outcome	2015-16	96%	95%	98%	98%	98%	97%
	2016-17	96%	95%	96%	96%	96%	97%
	2017-18	97%	96%	97%	98%	97%	98%
	2018-19	98%	98%	98%	98%	98%	96%
	2019-20	98%	97%	98%	97%	97%	97%
	2020-21	98%	96%	98%	97%	97%	98%
	2021-22	97%	97%	97%	97%	97%	97%

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DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS

POST GRADUATE PROGRAM

PSO1-Ability to delineate the etiology, pathophysiology and restorative/ endodontic diagnosis to achieve predictable treatment outcomes. Knowledge and ability to perform contemporary procedures in the field of cariology, Dental Traumatology.

PSO2-Clinically sound to be able to provide differential diagnosis and also being able to relate the disease or condition to other specialties and refer them to experts accordingly.

PSO3-Exhibits skills to educate colleagues and other students.

PSO4- Possess adequate knowledge and skills in recording chair side medical history, perform both medical and diagnostic procedures, relevant tests and interpret diagnostic tools (CBCT, OPG's, RVG's) to achieve proper diagnosis which is a prerequisite for a favorable dental outcome

PSO5- Ability to perform surgical and non-surgical Endodontics (endo-osseous implants, endo and periodontal surgeries) as part of the interdisciplinary curriculum to approach any kind of clinical situation.

PSO6- Ability to handle acute pulpal and pulpo- periodontal situations.

PSO7- Constantly updating themselves on the recent advances in the field of conservative dentistry and endodontics by attending CDE programs, conferences, seminars, workshops, research methodologies across the country and overseas. Assessing one self by challenging their own ability to be able to apply their advanced skills in their day to day practice.

PSO8- Adequate knowledge on informative technology and aids to do research activities in both basic and clinical fields which could be successfully published and also be presented at scientific conferences across the country and overseas.

PSO9- Adequate Clinical skills to attend to failed endodontic therapy.

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Course name	Course outcome	Programme outcome	Course outcome	Degree of complexity	Outcome achieved				
					Year	High	Moderate	Low	Not achieved
Conservative dentistry and endodontics	PSO1	PO1	Ability to delineate the etiology, pathophysiology and restorative/endodontic diagnosis to achieve predictable treatment outcomes. Knowledge and ability to perform contemporary procedures in the field of cariology, Dental Traumatology.	L1	2019 - 2020	2	1	-	-
					2020 - 2021	4	2	-	-
					2021 - 2022	8	1	-	-
Conservative dentistry and endodontics	PSO2	PO1, PO2	Clinically sound to be able to provide differential diagnosis and also being able to relate the disease or condition to other specialties and refer them to experts accordingly.	L2	2019 - 2020	3	-	-	-
					2020 - 2021	5	1	-	-
					2021 - 2022			-	-

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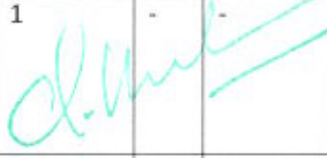


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Conservative dentistry and endodontics	PSO3	PO4	Exhibits skills to educate colleagues and other students.		2019	2	1	-	-
					- 2020				
					2020	4	2	-	-
					- 2021				
Conservative dentistry and endodontics	PSO4	PO1, PO3	Possess adequate knowledge and skills in recording chair side medical history, perform both medical and diagnostic procedures, relevant tests and interpret diagnostic tools (CBCT, OPG's, RVG's) to achieve proper diagnosis which is a prerequisite for a favourable dental outcome	L2	2019	3	-	-	-
					- 2020				
					2020	5	1	-	-
					- 2021				
Conservative dentistry and endodontics	PSO5	PO1, PO3	Ability to perform surgical and non-surgical Endodontics (endo-osseous implants, endo and perio surgeries) as part of the interdisciplinary curriculum to approach any kind of clinical situation	L3	2019	2	1	-	-
					- 2020				
					2020	4	2		
					- 2021				
					2021	 Dr. C.J. VENKATA KRISHNAN, M.D.S., Ph.D., PRINCIPAL TAGORE DENTAL COLLEGE & HOSPITAL Rathinamangalam, Vandalur Post, Melakkottaiyur, Chennai-600 127			
					- 2022				



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Conservative dentistry and endodontics	PSO6	PO1, PO3	Ability to handle acute pulp al and pulpo - periodontal situations.	L3	2019	2	1	-	-
					-				
					2020	6	-	-	-
					-				
Conservative dentistry and endodontics	PSO7	PO1, PO5	Constantly updating themselves on the recent advances in the field of conservative dentistry and endodontics by attending CDE programs, conferences, seminars, workshops, research methodologies across the country and overseas. Assessing one self by challenging their own ability to be able to apply their advanced skills in their day to day practice	L2	2021			-	-
					-				
					2022	3	-	-	-
					-				
					2020	6	-	-	-
					-				
					2021			-	-
					-				
					2022			-	-
					-				

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Conservative dentistry and endodontics	PSO8	PO1, PO5	Adequate knowledge on informative technology and aids to do research activities in both basic and clinical fields which could be successfully published and also be presented at scientific conferences across the country and overseas	L2	2019-2020	3	-	-	-
					2020-2021	6	-	-	-
					2021-2022			-	-
Conservative dentistry and endodontics	PSO9	PO3	Adequate Clinical skills to attend to failed endodontic therapy	L3	2019-2020	1	2	-	-
					2020-2021	4	2	-	-
					2021-2022			-	-

Outcome	years	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO6	PSO7	PSO8	PSO9
No. of students Achieved the course outcome	2019-20	3	3	3	3	3	3	3	3	3
Average of students achieved the Program outcome	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

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PSOURCE OUTCOMES	C01		PSO2		PSO3		PSO4	
YEAR	2019- 2020	2020- 2021	2019- 2020	2020- 2021	2019- 2020	2020- 2021	2019- 2020	2020- 2021
Number of students who attained the course outcomes	3	6	3	6	3	6	3	6
Program outcome	100%	100 %	100%	100 %	100%	100 %	100%	100 %

COURSE OUTCOMES	PSO5		PSO6		PSO7		PSO8	
YEAR	2019- 2020	2020- 2021	2019- 2020	2020- 2021	2019- 2020	2020- 2021	2019-2020	2020- 2021
Number of students who attained the course outcomes	3	6	3	6	3	6	3	6
Program outcome	100%	100 %	100%	100%	100%	100 %	100%	100 %

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COURSE OUTCOMES	PSO9	
YEAR	2019-2020	2020-2021
Number of students who attained the course outcomes	3	6
Program outcome	100%	100%

Course Outcomes	Co1		Co 2		Co 3		Co 4	
Year	2019-2020	2020-2021	2019-2020	2020-2021	2019-2020	2020-2021	2019-2020	2020-2021
Number of students who attained the course outcomes	3	6	3	6	3	6	3	6
Program outcome	100%		100%		100%		100%	

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Course Outcomes	Co5		Co 6		Co 7		Co 8	
Year	2019-2020	2020-2021	2019-2020	2020-2021	2019-2020	2020-2021	2019-2020	2020-2021
Number of students who attained the course outcomes	3	6	3	6	3	6	3	6
Program outcome	100%		100%		100%		100%	

Course Outcomes	CO9	
Year	2019-2020	2020-2021
Number of students who attained the course outcomes	3	6
Program outcome	100%	

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DEPT OF ORAL PATHOLOGY

FIRST BDS SUBJECT: ORAL HISTOLOGY, EMBRYOLOGY AND TOOTH MORPHOLOGY


COURSE OBJECTIVES AND OUTCOMES

CODE	COURSE OBJECTIVE	LEVEL OF PROFICIENCY/SKILL	ASSESSMENT TOOL
CO1	FLUENT IN OROFACIAL EMBRYOLOGY	I	TERMINAL EXAM
CO2	FLUENT IN HISTOLOGY AND FUNCTIONS OF OROFACIAL STRUCTURES	II	TERMINAL EXAM
CO3	ABILITY TO IDENTIFY AND DESCRIBE ANATOMIC AND HISTOLOGICAL SPECIMENS OF OROFACIAL REGION	II	PRACTICAL EXAM
CO4	ABILITY TO CARVE TEETH IN NATURAL SIZE AND FORM	II	PRACTICAL EXAM

OUTCOME ANALYSIS

MARK PERCENTAGE: 70% AND ABOVE – GOOD; 30% TO 69% - ADEQUATE; LESS THAN 30% - INADEQUATE

FROM ACADEMIC YEAR 2019-20, CODE CO3 IS MEASURED AS 80% AND ABOVE – GOOD, 30% TO 79% ADEQUATE AND LESS THAN 30% IS INADEQUATE.


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PROGRAM OBJECTIVE

CODE	PROGRAM OBJECTIVE	LEVEL OF PROFICIENCY/SKILL	ASSESSMENT SKILL
PO1	STUDENT SHOULD BE FLUENT IN OROFACIAL DEVELOPMENT AND OROFACIAL STRUCTURES (THEORY AND PRACTICE)	II	UNIVERSITY EXAM

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OUTCOME ANALYSIS

MARK PERCENTAGE: 50% AND ABOVE – ADEQUATE; LESS THAN 50% - INADEQUATE

OUTCOMES PER ACADEMIC YEAR

2014-15 – (N-99)

CODE	COMPLEXITY LEVEL	GOOD	ADEQUATE	INADEQUATE	UNIVERSITY EXAM
CO1	I	NA	NA	NA	93/99 (94%)
CO2	II	4	83	12	
CO3	II	50	48	1	
CO4	II	50	48	1	

2015-16 (N-100)

CODE	COMPLEXITY LEVEL	GOOD	ADEQUATE	INADEQUATE	UNIVERSITY EXAM
CO1	I	0	78	22	92/100 (92%)
CO2	II	2	20	18	
CO3	II	38	61	1	
CO4	II	38	61	1	


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2016-17 (N-83)

CODE	COMPLEXITY LEVEL	GOOD	ADEQUATE	INADEQUATE	UNIVERSITY EXAM
CO1	I	6	74	3	77/83 (93%)
CO2	II	1	51	31	
CO3	II	57	25	1	
CO4	II	57	25	1	

2017-18 (N-85)

CODE	COMPLEXITY LEVEL	GOOD	ADEQUATE	INADEQUATE	UNIVERSITY EXAM
CO1	I	2	75	8	78/85 (92%)
CO2	II	NA	NA	NA	
CO3	II	31	53	1	
CO4	II	31	53	1	


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2018-19 (N-79)

CODE	COMPLEXITY LEVEL	GOOD	ADEQUATE	INADEQUATE	UNIVERSITY EXAM
CO1	I	2	70	8	78/79 (99%)
CO2	II	19	60	1	
CO3	II	41	38	0	
CO4	II	41	38	0	

2019-20 (N-79)

CODE	COMPLEXITY LEVEL	GOOD	ADEQUATE	INADEQUATE	UNIVERSITY EXAM
CO1	I	0	71	8	97/99 (98%)
CO2	II	2	73	4	
CO3	II	8	71	0	
CO4	II	8	71	0	


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2020-21

CODE	COMPLEXITY LEVEL	GOOD	ADEQUATE	INADEQUATE	UNIVERSITY EXAM
CO1	I	2	90	4	101/103 99%
CO2	II	0	99	1	
CO3	II	0	101	2	
CO4	II	0	101	2	

2021-2022

CODE	COMPLEXITY LEVEL	GOOD	ADEQUATE	INADEQUATE	UNIVERSITY EXAM
CO1	I	2	83	3	 Dr. C.J. VENKATA KRISHNAN, M.D.S., Ph.D., PRINCIPAL TAGORE DENTAL COLLEGE & HOSPITAL Rathinamangalam, Vandahur Post, Melakkottaiyur, Chennai
CO2	II	2	83	3	
CO3	II	1	86	1	
CO4	II	1	84	2	



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DEPT OF ORAL PATHOLOGY

THIRD BDS SUBJECT: ORAL PATHOLOGY AND MICROBIOLOGY

COURSE OBJECTIVE

CODE	COURSE OBJECTIVE	LEVEL OF PROFICIENCY/SKILL	ASSESSMENT TOOL
CO1	FLUENT IN OROFACIAL DEVELOPMENTAL DISORDERS, INFECTIONS, CYTS AND TUMORS	I	TERMINAL EXAM
CO2	FLUENT IN ORAL MANIFESTATIONS OF GENERAL DISEASES AND BASIC FORENSIC DENTISTRY	II	TERMINAL EXAM
CO3	ABILITY TO IDENTIFY AND DESCRIBE PATHOLOGIC AND HISTOPATHOLOGICAL SPECIMENS OF OROFACIAL REGION	II	PRACTICAL EXAM

OUTCOME ANALYSIS

MARK PERCENTAGE: 70% AND ABOVE – GOOD; 30% TO 69% - ADEQUATE; LESS THAN 30% - INADEQUATE.

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PROGRAM OBJECTIVE

CODE	PROGRAM OBJECTIVE	LEVEL OF PROFICIENCY/SKILL	ASSESSMENT SKILL
PO1	STUDENT SHOULD BE FLUENT IN OROFACIAL PATHOLOGY AND FORENSIC DENTISTRY (THEORY AND PRACTICE)	II	UNIVERSITY EXAM

OUTCOME ANALYSIS

MARK PERCENTAGE: 50% AND ABOVE – ADEQUATE; LESS THAN 50% - INADEQUATE

OUTCOMES PER ACADEMIC YEAR

2014-15 (N-82)

CODE	COMPLEXITY LEVEL	GOOD	ADEQUATE	INADEQUATE	UNIVERSITY EXAM
CO1	I	NA	NA	NA	82/82 (100%)
CO2	II	0	74	8	
CO3	II	65	17	0	

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2015-16 (N-91)

CODE	COMPLEXITY LEVEL	GOOD	ADEQUATE	INADEQUATE	UNIVERSITY EXAM
CO1	I	0	90	0	86/91 (95%)
CO2	II	2	77	11	
CO3	II	10	81	0	

2016-17 (N-90)

CODE	COMPLEXITY LEVEL	GOOD	ADEQUATE	INADEQUATE	UNIVERSITY EXAM
CO1	I	4	86	0	87/90 (97%)
CO2	II	0	87	3	
CO3	II	73	17	0	

2017-18 (N-88)

CODE	COMPLEXITY LEVEL	GOOD	ADEQUATE	INADEQUATE	UNIVERSITY EXAM
CO1	I	1	80	7	79/88 (90%)
CO2	II	NA	NA	NA	
CO3	II	23	65	0	

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2018-19 (N-75)

CODE	COMPLEXITY LEVEL	GOOD	ADEQUATE	INADEQUATE	UNIVERSITY EXAM
CO1	I	0	74	1	74/75 (99%)
CO2	II	12	61	2	
CO3	II	31	43	1	

2019-20 (N-71)

CODE	COMPLEXITY LEVEL	GOOD	ADEQUATE	INADEQUATE	UNIVERSITY EXAM
CO1	I	0	70	1	100%
CO2	II	6	65	0	
CO3	II	7	64	0	

2020-21 (N-77)

CODE	COMPLEXITY LEVEL	GOOD	ADEQUATE	INADEQUATE	UNIVERSITY EXAM
CO1	I	2	66	1	73/77 95%
CO2	II	30	41	0	
CO3	II	0	73	4	


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COURSE OUTCOMES AND PROGRAM OUTCOMES IV BDS –

ORAL MEDICINE AND RADIOLOGY

COURSE OUTCOMES

CODE	LEVEL OF COMPLEXITY	COURSE OUTCOME	ASSESSMENT
CO1	I	Knowledge about lesions of both hard and soft tissues	Terminal exam
CO2	II	Knowledge about radiology, safety protection and various radiographic techniques	Terminal exam
CO3	II	Case History taking and clinical examination	Practical exam
CO4	II	Taking Intra oral radiography and interpretation of normal anatomy and pathology	Practical exam
CO5	III	Able to diagnose tobacco induced and other oral lesions	Practical exam

OUTCOME ANALYSIS

Mark percentage: 70% and above – good; 30% to 69% - adequate; less than 30% - inadequate


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PROGRAM OUTCOME

CODE	PROGRAM OBJECTIVE	LEVEL OF COMPLEXITY	ASSESSMENT
PO1	Students should correlate and execute diagnostic procedures, interpret radiograph and formulation of treatment protocol	II	University exam

OUTCOME ANALYSIS

Mark percentage: 50% and above – adequate; less than 50% - inadequate

2017-18 (No of students-88)

CODE	COMPLEXITY LEVEL	GOOD	ADEQUATE	INADEQUATE	PROGRAM OUTCOME
CO1	I	7	77	4	86/88 (97.7%)
CO2	II	5	80	3	
CO3	II	0	83	5	
CO4	II	13	64	11	
CO5	III	1	55	22	

2018-19 (No of students -83)

CODE	COMPLEXITY LEVEL	GOOD	ADEQUATE	INADEQUATE	PROGRAM OUTCOME
CO1	I	4	69	10	81/83 (97.6%)
CO2	II	7	72	4	
CO3	II	0	81	2	
CO4	II	7	69	7	
CO5	III	2	66	15	

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2019-2020 (No of students -74)

CODE	COMPLEXITY LEVEL	GOOD	ADEQUATE	INADEQUATE	PROGRAM OUTCOME
CO1	I	5	65	4	74/74 (100%)
CO2	II	9	62	3	
CO3	II	0	74	0	
CO4	II	8	59	7	
CO5	III	3	61	10	

2020-21(No of students -70)

CODE	COMPLEXITY LEVEL	GOOD	ADEQUATE	INADEQUATE	PROGRAM OUTCOME
CO1	I	7	61	2	70/70 (100%)
CO2	II	5	63	2	
CO3	II	0	70	0	
CO4	II	4	56	10	
CO5	III	2	55	13	

2021- 2022 (No of students -69)

CODE	COMPLEXITY LEVEL	GOOD	ADEQUATE	INADEQUATE	PROGRAM OUTCOME
CO1	I	4	60	5	Awaited Dr. C.J. VENKATA KRISHNAN, M.D.S., Ph.D., PRINCIPAL TAGORE DENTAL COLLEGE & HOSPITAL Rathinamangalam, Vandalur Post, Melakkottaiyur, Chennai - 600 127
CO2	II	7	59	3	
CO3	II	3	59	7	
CO4	II	7	51	11	
CO5	III	2	52	15	



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TAGORE DENTAL COLLEGE AND HOSPITAL

DEPARTMENT OF ORAL AND MAXILLOFACIAL SURGERY

COURSE OBJECTIVES

CO	OBJECTIVE
CO1	Students should be able to interpret the IOPA and OPG radiograph to facilitate diagnosis and treatment.
CO2	Students should be able to identify various dental extraction forceps and elevators used for extractions, minor oral surgical procedures.
CO3	Students should be able to select the appropriate quantity of local anesthetic agent and perform the appropriate technique of administration of L.A and also able to prescribe post operative medications, Students should be able to perform various types of suturing techniques and dental wiring on models.
CO4	Students should be able to perform total extraction procedures
CO5	Students will be able to perform extraction for special children and medically compromised patients.
CO6	Student will be able to discuss about the various advanced oral surgical procedures.
CO7	Student should be able to display effective interpersonal communication and managerial skills on patient care.

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COURSE	COURSE OUTCOME (CO)	OUTCOME ACHIEVEMENT				
		YEAR	HIGH	MODERATE	LOW	NOT ACHIEVED
	CO1	2014-15	17	60	1	1
		2015-16	43	35	5	4
		2016-17	20	28	35	10
		2017-18	33	42	15	4
		2018-19	27	40	16	0
		2019-20	36	40	0	0
		2020-21	23	18	21	8
	CO2	2014-15	17	60	1	1
		2015-16	43	35	5	4
		2016-17	20	28	35	10
		2017-18	33	42	15	4
		2018-19	27	40	16	0
		2019-20	36	40	0	0
		2020-21	23	18	21	8
	CO3	2014-15	17	60	1	1
		2015-16	43	35	5	4
		2016-17	20	28	35	10
		2017-18	33	42	15	4
		2018-19	27	40	16	0


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		2019-20	36	40	0	0
		2020-21	23	18	21	8
	CO4	2014-15	17	60	1	1
		2015-16	43	35	5	4
		2016-17	20	28	35	10
		2017-18	33	42	15	4
		2018-19	27	40	16	0
		2019-20	36	40	0	0
		2020-21	23	18	21	8
	CO5	2014-15	17	60	1	1
		2015-16	43	35	5	4
		2016-17	20	28	35	10
		2017-18	33	42	15	4
		2018-19	27	40	16	0
		2019-20	36	40	0	0
		2020-21	23	18	21	8
	CO6	2014-15	17	60	1	1
		2015-16	43	35	5	4
		2016-17	20	28	35	10
		2017-18	33	42	15	4
		2018-19	27	40	16	0
		2019-20	36	40	0	0
		2020-21	23	18	21	8

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TAGORE DENTAL COLLEGE AND HOSPITAL DEPARTMENT OF PEDODONTICS

AND PREVENTIVE DENTISTRY

NAAC 2017-2022

Program outcomes and course outcomes

CODE	COURSE OUTCOME
CO 1	Treatment Planning and Behaviour management
CO 2	Patient Education- Anticipatory Guidance
CO 3	Preventive measures – Oral Prophylaxis, Pit and fissure sealants , Topical fluoride applications
CO 4	GIC and Composite Restorations
CO 5	Extractions and space maintenance
CO 6	Pediatric Endodontics

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COURSE OUTCOME	LEVEL OF COMPLEXITY	YEAR	OUTCOME ACHIEVEMENT		
			LOW	AVERAGE	GOOD
CO 1	Level 1	2017-2018	31	48	16
		2018-2019	31	41	18
		2019-2020	33	32	19
		2020-2021	14	20	35
		2021-2022	30	30	11
CO 2	Level 2	2017-2018	35	45	15
		2018-2019	27	48	15
		2019-2020	28	35	21
		2020-2021	12	28	29
		2021-2022	26	41	4
CO 3	Level 2	2017-2018	25	52	18
		2018-2019	25	46	19
		2019-2020	32	40	12
		2020-2021	15	21	33
		2021-2022	29	32	10

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CO 4	Level 2	2017-2018	26	55	14
		2018-2019	28	39	23
		2019-2020	29	45	12
		2020-2021	11	42	16
		2021-2022	8	31	32
CO 5	Level 2	2017-2018	28	59	8
		2018-2019	30	40	20
		2019-2020	33	46	5
		2020-2021	9	32	28
		2021-2022	4	35	32
CO 6	Level 3	2017-2018	32	53	10
		2018-2019	42	38	10
		2019-2020	41	34	9
		2020-2021	29	22	18
		2021-2022	31	34	6

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Department of Public Health Dentistry

Final BDS SUBJECT: PUBLIC HEALTH DENTISTRY

PROGRAM OBJECTIVES AND OUTCOMES

COURSE OBJECTIVES AND OUTCOMES

PROGRAM CODE	COURSE CODE	COURSE OBJECTIVE
PO1	CO1	PROFICIENT IN RECORDING CASE HISTORY WITH COMPREHENSIVE TREATMENT PLAN
	CO2	PROFICIENT IN RECORDING DENTAL INDICES
	CO3	ABILITY TO DELIVER HEALTH EDUCATION
PO2	CO4	ABILITY TO DESIGN SCIENTIFIC STUDIES
	CO5	KNOW THE SURVEY PROCEDURES IN DENTISTRY AND PLAN A HEALTH PROGRAM
	CO6	KNOW THE HEALTH CARE DELIVERY SYSTEM IN INDIA

80% and above –Excellent , 60-79%-Good, 50-59%-low, less than 50%-not achieved

Course code	Programme outcome	Course outcome	Year	Excellent	Good	Low	Not achieved
CO1	Po1	PROFICIENT IN RECORDING CASE HISTORY WITH COMPREHENSIVE TREATMENT PLAN	2014-2015	8	48	23	0
			2015-2016	4	53	42	2
			2016-2017	7	61	17	4
			2017-2018	11	65	19	2
			2018-2019	20	59	8	0
			2019-2020	59	18	0	0
			2020-2021	16	55	0	0

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CO2	Po1	PROFICIENT IN RECORDING DENTAL INDICES	2014-2015	7	49	22	1
			2015-2016	2	55	43	1
			2016-2017	5	63	20	1
			2017-2018	12	64	21	0
			2018-2019	18	61	5	3
			2019-2020	59	18	0	0
			2020-2021	18	51	2	0
Co3	Po1	ABILITY TO DELIVER HEALTH EDUCATION	2014-2015	5	51	21	2
			2015-2016	3	54	44	0
			2016-2017	6	62	19	2
			2017-2018	10	66	21	0
			2018-2019	18	62	6	1
			2019-2020	55	20	2	0
			2020-2021	20	49	2	0


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Co4	Po2	ABILITY TO DESIGN SCIENTIFIC STUDIES	2014-2015	0	55	23	1
			2015-2016	1	61	37	3
			2016-2017	0	49	35	5
			2017-2018	0	63	28	6
			2018-2019	1	62	23	1
			2019-2020	1	65	11	0
			2020-2021	0	56	15	0
CO5	Po2	KNOW THE SURVEY PROCEDURES IN DENTISTRY AND PLAN A HEALTH PROGRAM	2014-2015	2	53	21	2
			2015-2016	5	56	39	1
			2016-2017	2	49	35	3
			2017-2018	1	62	30	4
			2018-2019	6	58	25	1
			2019-2020	3	63	10	1
			2020-2021	5	51	10	5

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Co6	Po2	KNOW THE HEALTH CARE DELIVERY SYSTEM IN INDIA	2014-2015	4	55	20	0
			2015-2016	7	54	37	3
			2016-2017	2	51	34	2
			2017-2018	4	59	33	1
			2018-2019	5	59	26	0
			2019-2020	5	61	11	0
			2020-2021	4	52	14	1

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Prosthodontics - UG

SKILL COMPLEXITY

LEVEL 1

- CO 4 - Elicit case history for partially and completely edentulous patients.
- CO 6 - Understanding the patients, mental attitude. Instructing the patient.
- CO 8 - Treatment planning and evaluation of diagnostic data.

LEVEL 2

- CO 7 - Knowledge on chair and operator position for practical and clinical procedures
- CO 9 - Knowledge on objectives of impression making, materials, techniques and armamentarium
- CO 10 - Observing chair side demonstration of clinical procedures.
- CO 11 - Visualizing techniques on videos.
- CO 14 - Knowledge about recent dental materials and rehabilitation techniques

LEVEL 3

- CO 1 - Making primary impression of completely edentulous condition with Impression compound and fabrication of special tray.
- CO 2 - Able to perform removable partial and complete denture laboratory works.
- CO 3 - Able to perform teeth setting for removable partial and complete denture prostheses.
- CO 5 - Clinical procedures involving impressions, maxillomandibular relationships, wax trials, denture insertions and recall visits for removable prosthesis and for Fixed Prosthesis
- CO 12 - Tooth preparation for different restorations on mannequin
- CO13 - Laboratory skills for fabrication of removable prosthesis

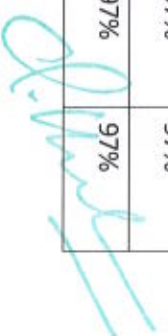


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COURSE NAME	COURSE OUTCOME	DEGREE OF COMPLEXITY	OUTCOME ACHIEVEMENT				
			YEAR	HIGH	MODERATE	LOW	NOT ACHIEVED
PROSTHODONTICS AND CROWN & BRIDGE	CO 4,	LEVEL 1	2017-18	60	15	9	-
	CO 6,		2018-19	71	11	8	-
	CO 8		2019-20	65	18	6	-
			2020-21	70	10	7	-
			2021-22	58	12	4	-
			2017-18	65	8	10	-
	CO 7,	LEVEL 2	2018-19	71	12	8	-
			2019-20	68	13	8	-
			2020-21	72	8	7	-
			2021-22	60	12	2	-
			CO 14				

	CO 1,	LEVEL 3	2017-18	66	9	9	-
	CO 2,		2018-19	73	8	10	-
	CO 3,		2019-20	70	13	6	-
	CO 5,		2020-21	72	10	5	-
	CO 12,		2021-22	60	10	4	-
	CO 13						

Course	YEAR	CO 1	CO 2	CO 3	CO 4	CO 5	CO 6	CO 7	CO 8	CO 9	CO 10	CO 11	CO 12	CO 13	CO 14
Students Achieved	2017-18	84	84	84	84	84	84	84	84	84	84	84	84	84	84
	2018-19	91	91	91	91	91	91	91	91	91	91	91	91	91	91
	2019-20	89	89	89	89	89	89	89	89	89	89	89	89	89	89
	2020-21	87	87	87	87	87	87	87	87	87	87	87	87	87	87
	2021-22	74	74	74	74	74	74	74	74	74	74	74	74	74	74
Program Outcome	2017-18	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%
	2018-19	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%	96%
	2019-20	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%	98%
	2020-21	97%	97%	97%	97%	97%	97%	97%	97%	97%	97%	97%	97%	97%	97%
	2021-22	97%	97%	97%	97%	97%	97%	97%	97%	97%	97%	97%	97%	97%	97%



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Prosthodontics M.D.S

HILL COMPLEXITY

VEL 1

- CO 1: Taking a proper clinical history, examine the patient, perform essential diagnostic procedures and order relevant tests and interpret them
- CO 3: Develop communication skills, to explain various options available and obtain an informed consent from the patient. • CO 9: Participation in undergraduate lecture classes

VEL 2

- CO 5: Laboratory technique management based on skills and knowledge of Dental Materials and dental equipment and instruments.
- CO 6: Trained in managing and call for assistance in all emergency OP situations
- CO 10: Apply high moral and ethical standards while carrying out human or animal research

VEL 3

- CO 2: By understanding biological, biomedical, bioengineering principles and systemic condition of the patient to provide a quality health-care of the craniofacial region.
- CO 4: Acquire complete knowledge through seminars, symposium, workshops, International Exchange Program and presentation at Conferences.
- CO 7: Trained in managing the failures both clinical and laboratory procedures related to Removable, Fixed, Implant, Maxillofacial and Craniofacial Prosthodontics
- CO 8: Occlusion equilibration procedures – fabrication of stabilizing splint for parafunctional disorders, occlusal disorders of TMD

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COURSE NAME	COURSE CODE	COURSE OUTCOME	DEGREE OF COMPLEXITY	OUTCOME ACHIEVEMENT				
				YEAR	HIGH	MODERATE	LOW	NOT ACHIEVED
PROSTHODONTICS AND CROWN & BRIDGE		CO 1 CO 3 CO 9	LEVEL 1	2019 - 2	2	1	-	NIL
				2020 - 4	5	1	-	NIL
				2019 - 2	3	1	-	NIL
				2020 - 4	4	2	-	NIL
		CO 5 CO 6 CO 10	LEVEL 2	2019 - 2	4	1	-	NIL
				2020 - 4	6	2	-	NIL
				2019 - 4	5	1	-	NIL
		CO 2 CO 4 CO 7 CO 8	LEVEL 3	2020 - 4		2	-	NIL
				2019 - 4				
				2020 - 4				



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Course Objectives	Level of Complexity	Outcome achievement/Attainment
<p>Knowledge and Understanding:</p> <p>PSO1: Describe etiology, patho-physiology, principles of diagnosis and management of malocclusions in children and adults; identify social, economic, environmental and emotional determinants in a given case and take them into account for treatment planning</p> <p>PSO2: Recognize conditions requiring multidisciplinary approach and coordinate with the concerned specialist</p> <p>PSO3: Update knowledge by self-study and interactions in group discussions and by attending lectures, courses, conferences and seminars</p> <p>PSO4: Record a proper clinical history, examine the patient, perform essential diagnostic procedures and request and interpret relevant tests to come to a reasonable diagnosis about the condition.</p> <p>PSO5: Acquire adequate skills and competence in selecting appropriate orthodontic appliances and performing various orthodontic procedures as would be required in a private practice</p>	<p>Level 1</p> <p>Level 1</p> <p>Level 1</p> <p>Level 3</p> <p>Level 3</p>	<p>2019: High-2; Moderate-1 2020: High-2; Moderate-4 2021: High-6 ; Moderate-3 2022: High-6 ; Moderate-3</p> <p>2019: High-2; Moderate-1 2020: High-2; Moderate-4 2021: High-7 ; Moderate-2 2022: High-7 ; Moderate-2</p> <p>2019: High-2; Moderate-1 2020: High-2; Moderate-4 2021: High-7 ; Moderate-2 2022: High-8 ; Moderate-1</p> <p>2019: High-2; Moderate-1 2020: High-2; Moderate-4 2021: High-6 ; Moderate-3 2022: High-8 ; Moderate-1</p> <p>2019: High-2; Moderate-1 2020: High-2; Moderate-4 2021: High-7 ; Moderate-2 2022: High-9</p>



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Co6:Adoptethicalprinciplesinallasspectsofpractice;foster professionalhonestyandintegrity;deliverpatientcareirrespectiveof socialstatus,caste,creed,orreligionofthepatient;develop communication skills,to explainvarious optionsavailable and obtain a true informedconsentfromthepatient	Level2	2019:High-2;Moderate-1 2020:High-2;Moderate-4 2021:High-6;Moderate-3 2022: High-6;Moderate-3
Co7:Acceptthelimitationsinhis/herknowledgeandskillandtask forhelpfromcolleagueswhenneeded;respectpatient'srightsand privilegesincludingpatient'srighttoinformationandrighttoseek a secondopinion	Level2	2019:High-2;Moderate-1 2020:High-2;Moderate-4 2021:High-8 ;Moderate-1 2022: High-8 ;Moderate-1
Co8:Abletorecognizevariousemergencieshatmayarisenanorthodonticpractice	Level1	2019:High-2;Moderate-1 2020:High-5;Moderate-1 2021:High-7 ;Moderate-2 2022: High-8 ;Moderate-1
Co9:Abletohandleemergencyorthodonticcarelikefixingloosebands, brackets & wires, cut protruding wire, prevent tissue irritationfrom sharp parts of appliances and accidental swallowing & aspirationof attachments	Level3	2019:High- 2;Moderate-1 2020:High-4;Moderate-2 2021:High-7 ;Moderate-2 2022: High-8 ;Moderate-1
Co10:Abletorecogniseunsuccesfullytreatedcases	Level1	2019:High-2;Moderate-1 2020:High-4;Moderate-2 2021:High-6 ;Moderate-3 2022: High-6 ;Moderate-3
Co11:Abletohandleunsuccesfullytreatedcases	Level3	2019:High-2;Moderate-1 2020:High- 4;Moderate-2 2021:High-7 ;Moderate-2 2022: High-8 ;Moderate-1



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Co11: Able to teach relevant basic sciences, etiology, pathophysiology, principles of diagnosis and management of malocclusions in children and adults for undergraduate dental students	Level1	2019: High-2; Moderate-1 2020: High-4; Moderate-2 2021: High-6 ; Moderate-3 2022: High-8 ; Moderate-1
Co12: Able to list and explain basic principles of research methodology and statistics	Level1	2019: High-2; Moderate-1 2020: High-5; Moderate-1 2021: High-9 2022: High-9
Co13: Apply high moral and ethical standards while carrying out human or animal research and in the dissemination of research	Level2	2019: High-2; Moderate-1 2020: High-4; Moderate-2 2021: High-8; Moderate-1 2022: High-9
Co14: Carry out research with the aim of understanding the nuances of the research process and scientific publishing	Level3	2019: High-2; Moderate-1 2020: High-4; Moderate-2 2021: High-8 ; Moderate-1 2022: High-9
Co15: Able to disseminate research work by publication and presentation in conferences and conventions	Level3	2019: High-2; Moderate-1 2020: High-5; Moderate-1 2021: High-9 2022: High-9



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CourseOutcomes	PSO1					PSO2					PSO3					PSO4				
Year	2019-2020	2011-2012	2011-2012	2011-2012	2011-2012	2019-2020	2011-2012	2011-2012	2011-2012	2011-2012	2019-2020	2011-2012	2011-2012	2011-2012	2011-2012	2019-2020	2011-2012	2011-2012	2011-2012	2011-2012
Number of students who attained the course outcomes	30	61	92			30	61	92			31	62				30	61	92		
Program outcome	100%					100%					100%					100%				

CourseOutcomes	PSO5					PSO6					PSO7					PSO8				
Year	2019-2020	2011-2012	2011-2012	2011-2012	2011-2012	2019-2020	2011-2012	2011-2012	2011-2012	2011-2012	2019-2020	2011-2012	2011-2012	2011-2012	2011-2012	2019-2020	2011-2012	2011-2012	2011-2012	2011-2012
Number of students who attained the course outcomes	30	61	92			30	61	92			30	61	92			30	61	92		
Program outcome	100%					100%					100%					100%				

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PSOURSE OUTPSOMES				PSO9				PSO10				PSO11				PSO12			
Year	2019-2020	2011-2022	2012	2019-2020	2011-2022	2012	2019-2020	2011-2022	2012	2019-2020	2011-2022	2012	2019-2020	2011-2022	2012	2019-2020	2011-2022	2012	
Number of students who attained thecourseoutcome s	30	61	92	30	61	92	30	61	92	30	61	92	30	61	92	30	61	92	
Programoutcome	100%				100%				100%				100%						

Course Outcomes	PSO13					PSO14					PSO15				
Year	2019-2020	2011-2022	2011-2022			2019-2020	2011-2022	2011-2022			2019-2020	2011-2022	2011-2022		
Number of students who attained the course outcomes	30	61	92			30	61	92			30	61	92		
Program outcome	100%					100%					100%				



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Course Objectives	Level of Complexity	Outcome achievement/Attainment
Knowledge and Understanding: Co1 :WIRE BENDING EXERCISE :ADAM'S CLASPS IN 16,26,36,46	Level1	2014:78 STUDENTS HIGH:40:MODERATE:30,LOW:8 2015:80 STUDENTS HIGH:30:MODERATE:30,LOW:20 2016:90 STUDENTS HIGH:50:MODERATE:40,LOW:0 2017:99 STUDENTS HIGH:40:MODERATE:50,LOW:9 2018 91STUDENTS HIGH:50:MODERATE:30,LOW:11 2019 84 STUDENTS HIGH:40:MODERATE:30,LOW:14 2020 79 STUDENTS HIGH:30:MODERATE:40,LOW:9 2021 70 STUDENTS HIGH:40:MODERATE:30,LOW:0
Co2:WIRE BENDING EXERCISE :SHORT LABIAL BOW	Level1	2014:78 STUDENTS HIGH:40:MODERATE:30,LOW:8 2015:80 STUDENTS HIGH:30:MODERATE:30,LOW:20 2016:90 STUDENTS HIGH:50:MODERATE:40,LOW:0 2017:99 STUDENTS HIGH:40:MODERATE:50,LOW:9 2018 91STUDENTS HIGH:50:MODERATE:30,LOW:11 2019 84 STUDENTS HIGH:40:MODERATE:30,LOW:14 2020 79 STUDENTS HIGH:30:MODERATE:40,LOW:9 2021 70 STUDENTS HIGH:40:MODERATE:30,LOW:0



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Co3: DIAGNOSIS OF MALOCCLUSION			Level1	2014:78 STUDENTS HIGH:40:MODERATE:30,LOW:8 2015:80 STUDENTS HIGH:30:MODERATE:30,LOW:20 2016:90 STUDENTS HIGH:50:MODERATE:40,LOW:0 2017:99 STUDENTS HIGH:40:MODERATE:50,LOW:9 2018 91STUDENTS HIGH:50:MODERATE:30,LOW:11 2019 84 STUDENTS HIGH:40:MODERATE:30,LOW:14 2020 79 STUDENTS HIGH:30:MODERATE:40,LOW:9 2021 70 STUDENTS HIGH:40:MODERATE:30,LOW:0
Co4: TREATMENT MALOCCLUSIONS	PLANNING	FOR	VARIOUS	Level3 2014:78 STUDENTS HIGH:40:MODERATE:30,LOW:8 2015:80 STUDENTS HIGH:30:MODERATE:30,LOW:20 2016:90 STUDENTS HIGH:50:MODERATE:40,LOW:0 2017:99 STUDENTS HIGH:40:MODERATE:50,LOW:9 2018 91STUDENTS HIGH:50:MODERATE:30,LOW:11 2019 84 STUDENTS HIGH:40:MODERATE:30,LOW:14 2020 79 STUDENTS HIGH:30:MODERATE:40,LOW:9 2021 70 STUDENTS HIGH:40:MODERATE:30,LOW:0

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COURSE OUTCOMES		1						CO10				CO11				CO12			
Year	201	201	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
4-5-201	201	201	16	17	18	19	20	20	20	20	20	20	20	20	20	20	20	20	20
201	201	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	6	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
		17	18	19	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Number of students who attained the course outcomes	78	80	90	99	91	84	79	70	78	80	90	99	91	84	79	70	78	80	90
Program outcome			100%						100%						100%				


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PROGRAM OUTCOMES

BDS (BACHELOR OF DENTAL SURGERY)

PROGRAM OUTCOME

GOALS: The dental graduates during training in the institutions should acquire adequate knowledge, necessary skills and reasonable attitudes which are required for carrying out all activities appropriate to general dental practice involving the prevention, diagnosis and treatment of anomalies and diseases of the teeth, mouth, jaws and associated tissues. The graduate also should understand the concept of community oral health education and be able to participate in the rural health care delivery programs existing in the country.

Po1	Adequate knowledge of the scientific foundations on which dentistry is based and good understanding of various relevant scientific methods, principles of biological functions and be able to evaluate and analyze scientifically various established facts and data.
Po2	Adequate knowledge of and experience in clinical disciplines and methods which provide a coherent picture of anomalies, lesions and diseases of the teeth, mouth and jaws and preventive diagnostic and therapeutic aspects of dentistry.
Po3	Able to diagnose and manage various common dental problems encountered in general dental practice keeping in mind the expectations and the right of the society to receive the best possible treatment available wherever possible, and acquire the skill to prevent and manage complications
Po4	Maintain a high standard of professional ethics and conduct and apply these in all aspects of professional life.
Po5	Promote oral health and seek to improve awareness and provide possible solutions for oral health problems and needs throughout the community.

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COURSE OUTCOMES

I BDS

ANATOMY

The students should gain the knowledge and insight into, the functional anatomy of the normal human head and neck, functional histology and an appreciation of the genetic basis of inheritance and disease, and the embryological development of clinically important structures. So that relevant anatomical & scientific foundations are laid down for the clinical years of the BDS course.

COURSE CODE	OUTCOME
CO1	Knowledge Of Development, Anatomy and Microscopic Structures of The Human Body
CO2	Know The Sectional Anatomy of Head Neck and Brain to Read the Features in Radiographs and Pictures Taken by Modern Imaging Techniques.
CO3	To Locate the Various Structures of The Body and Identify Various Tissues Under Imaging and Microscope, And Detect Anomalies.

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	2	-	-	-	-
CO2	2	-	-	-	-
CO3	2	-	2	-	-
AVG	2	-	2	-	-

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PHYSIOLOGY

The broad goal of the teaching undergraduate students in Human Physiology aims at providing the student comprehensive knowledge of the normal functions of the organ systems of the body to facilitate an understanding of the physiological basis of health and disease.

CODE	COURSE OBJECTIVE
CO1	Knowledge Of General Physiology, Muscle Hematology, Gastro Intestinal, Excretory, Endocrine, Reproductive, Cardiac Vascular System, Respiratory System, Central Nervous System and Special Senses.
CO2	Ability To Do Hematology Experiments.
CO3	Ability To Do Clinical Physiology Experiments.

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	2	-	-	-	-
CO2	2	-	2	-	-
CO3	2	-	2	-	-
AVG	2	-	2	-	-

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BIOCHEMISTRY

The major aim is to provide a sound but crisp knowledge on the biochemical basis of the life processes relevant to the human system and to dental/medical practice. The contents should be organized to build on the already existing information available to the students in the pre-university stage and reorienting.

CODE	COURSE OUTCOME
CO1	Fluent In Carbohydrates, Lipids, Amino acid, Mineral, And Vitamin Metabolism
CO2	Ability To Test Carbohydrates, Proteins and Bile
CO3	Ability To Identify Vitamin, Mineral and Hormonal Disorder

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	2	-	-	-	-
CO2	2	-	2	-	-
CO3	2	-	2	-	-
AVG	2	-	2	-	-

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ORAL HISTOLOGY AND TOOTH MORPHOLOGY

Dental Anatomy including Embryology and Oral Histology – a composite of basic Dental Sciences & their clinical applications.

CODE	COURSE OUTCOME
CO1	Fluent In Orofacial Embryology
CO2	Fluent In Histology and Functions of Orofacial Structures
CO3	Ability To Identify and Describe Anatomic and Histological Specimens of Orofacial Region
CO4	Ability To Carve Teeth in Natural Size and Form

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	2	2	2	-	-
CO2	2	2	2	-	-
CO3	2	2	2	-	-
CO4	2	2	2	-	-
AVG	2	2	2	-	-

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II BDS

GENERAL PATHOLOGY

At the end of the course the student should be competent to: Apply the scientific study of disease processes, which result in morphological and functional alterations in cells, tissues and organs to the study of pathology and the practice of dentistry.

CODE	COURSE OUTCOME
CO1	To demonstrate and apply basic facts, concepts and theories in the field of Pathology, recognize and analyze pathological changes at macroscopically and microscopic levels and explain their observations in terms of disease processes
CO2	To Integrate knowledge from the basic sciences, clinical medicine and dentistry in the study of Pathology
CO3	To demonstrate understanding of the capabilities and limitations of morphological Pathology in its contribution to medicine, dentistry and biological research.

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	2	-	-	-	-
CO2	2	-	2	-	-
CO3	2	-	2	-	-
AVG	2	-	2	-	-


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MICROBIOLOGY

To introduce the students to the exciting world of microbes. To make the students aware of various branches of microbiology, importance, significance and contribution of each branch to mankind and other fields of medicine.

CODE	COURSE OUTCOME
CO1	Understand the basics of various branches of microbiology and able to apply the knowledge relevantly.
CO2	Ability to perform staining methods, identify and report the bacteria observed
CO3	Ability to identify spotters and qualify the OSPE

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	2	-	-	-	-
CO2	2	-	2	-	-
CO3	2	-	2	-	-
AVG	2	-	2	-	-

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GENERAL AND DENTAL PHARMACOLOGY AND THERAPEUTICS

The broad goal of teaching under graduate students in pharmacology is to inculcate rational and scientific basis of therapeutics keeping in view of dental curriculum and Profession.

CODE	COURSE OUTCOME
CO1	Describe the pharmacokinetics and Pharmacodynamics, AND OTHER ASPECTS of essential and commonly used drugs in general and in dentistry in particular.
CO2	Tailor the use of appropriate drugs in disease with consideration to its cost, efficacy, safety for individual and mass therapy needs, INCLUDING VULNERABLE POPULATIONS.
CO3	Integrate the rational drug therapy in clinical pharmacology AND principles underlying the concepts of "Essential drugs".

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	2	-	-	1	-
CO2	2	-	2	1	-
CO3	2	-	2	1	-
AVG	2	-	2	1	-

DENTAL MATERIALS

Aim of the course is to present basic chemical and physical properties of Dental materials as they are related to its manipulation to give a sound educational background so that the practice of the dentistry emerged from art to empirical status of science as more information through further research becomes available. It is also the aim of the course of Dental materials to provide with certain criteria of selection and which will enable to discriminate between facts and propaganda with regards to claims of manufactures.


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CODE	COURSE OUTCOME
CO1	To understand the evolution and development of science of dental material.
CO2	To explain purpose of course in dental materials to personnel concerned with the profession of the dentistry
CO3	Knowledge of physical and chemical properties. Knowledge of biomechanical requirements of particular restorative procedure.

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	2	1	-	-	-
CO2	2	1	-	-	-
CO3	2	1	-	-	-
AVG	2	1	-	-	-

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III BDS

ORAL PATHOLOGY & ORAL MICROBIOLOGY

CODE	COURSE OUTCOME
CO1	Fluent In Orofacial Developmental Disorders, Infections, Cysts And Tumors
CO2	Fluent In Oral Manifestations of General Diseases and Basic Forensic Dentistry
CO3	Ability To Identify and Describe Pathologic and Histopathological Specimens of Orofacial Region

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	-	1
CO2	3	3	2	1	1
CO3	3	3	3	-	1
AVG	3	3	2.67	0.33	1

GENERAL MEDICINE

A dental student should be taught in such a manner he/she is able to record the arterial pulse, blood pressure and be capable of suspecting by sight and superficial examination of the body – diseases of the heart, lungs, kidneys, blood etc. He should be capable of handling medical emergencies encountered in dental practice

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CODE	COURSE OUTCOME
CO1	Special precautions/ contraindication of anesthesia and various dental procedures in different systemic diseases
CO2	Oral manifestations of systemic diseases
CO3	Medical emergencies in dental practice

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	2	1	1	1	-
CO2	2	2	2	1	-
CO3	2	2	3	2	-
AVG	2	1.67	2	1.33	-

GENERAL SURGERY

To acquaint the student with various diseases, which may require surgical expertise and to train the student to analyze the history and be able to do a thorough physical examination of the patient. The diseases as related to head and neck region are to be given due importance, at the same time other relevant surgical problems are also to be addressed. At the end of one year of study the student should have a good theoretical knowledge of various ailments, and be practically trained to differentiate benign and malignant diseases and be able to decide which patient requires further evaluation.

CODE	COURSE OUTCOME
CO1	HISTORY OF SURGERY: GENERAL PRINCIPLES OF SURGERY: GENERAL PATHOLOGIES, SYSTEMIC DISEASES
CO2	OPERATIVE SURGERY, MANAGEMENT OF DISEASES OF HEAD AND NECK
CO3	EXAMINATION AND DIAGNOSIS OF ROUTINE DISEASES AND MINOR SURGICAL PROCEDURES


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MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	2	1	1	1	-
CO2	2	2	2	1	-
CO3	2	2	3	2	-
AVG	2	1.67	2	1.33	-

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CONSERVATIVE DENTISTRY AND ENDODONTICS

The graduate should acquire the following knowledge during the period of training. i. To diagnose and treat simple restorative work for teeth. ii. To gain knowledge about aesthetic restorative material and to translate the same to patient's needs. iii. To gain the knowledge about endodontic treatment on the basis of scientific foundation. iv. To carry out simple endodontic treatment. v. To carry out simple luxation of tooth and its treatment and to provide emergency endodontic treatment.

CODE	COURSE OUTCOME
CO1	- Capable of identifying various types of carious lesion
CO2	- Ability to position patient's chair according to the various procedures performed. Maintains correct posture. when interacting and performing procedures in patient!
CO3	- Ability to showcase the use of hand washing methods and adequate use of personal protective gears.
CO4	-Thorough knowledge on restorative materials including silver amalgam, glass ionomer cement, and composite resins to provide restorative patient care for all forms of carious lesions in teeth with healthy pulp
CO5	- Placement of intermediate filling material as indicated
CO6	- Using the direct and indirect pulp capping procedures for deep carious lesions after thorough clinical evaluation
CO7	- Restoring midline diastema using direct composite resin layering technique.
CO8	- Thorough knowledge and understanding on the principles of aesthetic dental procedures.
CO9	- Capable of performing restorative procedures for all types of carious lesion in Phantom heads.
CO10	- Competent to manipulate different dental materials.
CO11	- Ability to identify and use dental restorative Equipment efficiently
CO12	Efficient to perform preclinical endodontic therapy in single rooted extracted teeth

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MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	-	2
CO2	3	3	-	-	-
CO3	3	3	3	2	-
CO4	3	3	-	-	2
CO5	3	3	-	-	-
CO6	3	3	3	-	-
CO7	3	3	3	-	-
CO8	3	3	3	2	2
CO9	3	3	-	--	-
CO10	3	3	-	-	-
CO11	3	3	-	-	--
CO12	3	3	-	-	-
AVG	3	3	3	2	2

ORAL & MAXILLOFACIAL SURGERY

To produce a graduate who is competent in performing extraction of teeth under both local and general anesthesia, prevent and manage related complications, acquire a reasonable knowledge and understanding of the various diseases, injuries, infections occurring in the Oral & Maxillofacial region and offer solutions to such of those common conditions and has an exposure in to the in- patient management of maxillofacial problems.


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CODE	OUTCOMES
CO1	Students should be able to interpret the IOPA and OPG radiograph to facilitate diagnosis and treatment.
CO2	Students should be able to identify various dental extraction forceps and elevators used for extractions, minor oral surgical procedures.
CO3	Students should be able to select the appropriate quantity of local anesthetic agent and perform the appropriate technique of administration of L.A and also able to prescribe post operative medications, Students should be able to perform various types of suturing techniques and dental wiring on models.
CO4	Students should be able to perform total extraction procedures
CO5	Students will be able to perform extraction for special children and medically compromised patients.
CO6	Student will be able to discuss about the various advanced oral surgical procedures.
CO7	Student should be able to display effective interpersonal communication and managerial skills on patient care.

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	2	2
CO2	3	3	3	-	-
CO3	3	3	3	3	-
CO4	3	3	3	2	2
CO5	3	3	3	3	-
CO6	3	3	3	1	-
CO7	3	3	3	-	3
AVG	3	3	3	2.2	2.3


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ORAL MEDICINE AND RADIOLOGY

CODE	COURSE OUTCOME
CO1	Knowledge about lesions of both hard and soft tissues
CO2	Knowledge about radiology, safety protection and various radiographic techniques
CO3	Case History taking and clinical examination
CO4	Taking Intra oral radiography and interpretation of normal anatomy and pathology
CO5	Able to diagnose tobacco induced and other oral lesions

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	-	-
CO2	3	3	3	2	-
CO3	3	3	3	2	-
CO4	3	3	3	2	-
CO5	3	3	3	2	-
AVG	3	3	3	2	-


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ORTHODONTICS & DENTAL ORTHOPAEDICS

Undergraduate program in Orthodontics is designed to enable the qualifying dental surgeon to diagnose, analyze and treat common orthodontic problems by preventive, interceptive and corrective orthodontic procedures. The following basic instructional procedures will be adapted to achieve the above objectives.

CODE	OUTCOMES
Co1	BASIC WIRE BENDING EXERCISES: ADAM'S CLASPS IN 16,26,36,46
Co2	BASIC WIRE BENDING EXERCISES: SHORT LABIAL BOW
Co3	GROWTH AND DEVELOPMENT, DIAGNOSIS OF MALOCCLUSION
Co4	TREATMENT PLANNING FOR VARIOUS MALOCCLUSIONS

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	2	-	-	-	-
CO2	2	-	-	-	-
CO3	3	3	3	2	-
CO4	3	3	3	2	2
AVG	2.5	3	3	2	2

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PAEDIATRIC & PREVENTIVE DENTISTRY

CODE	COURSE OUTCOME
CO 1	Treatment Planning and Behavior management
CO 2	Patient Education- Anticipatory Guidance
CO 3	Preventive measures – Oral Prophylaxis, Pit and fissure sealants, Topical fluoride applications
CO 4	GIC and Composite Restorations
CO 5	Extractions and space maintenance
CO 6	Pediatric Endodontics

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	2	2
CO2	3	3	3	2	2
CO3	3	3	3	2	3
CO4	3	3	3	-	2
CO5	3	3	3	2	2
CO6	3	3	3	-	2
AVG	3	3	3	2	2.1


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PUBLIC HEALTH DENTISTRY

To prevent and control oral diseases and promote oral health through organized community efforts

COURSE CODE	COURSE OUTCOME
CO1	PROFICIENT IN RECORDING CASE HISTORY WITH COMPREHENSIVE TREATMENT PLAN
CO2	PROFICIENT IN RECORDING DENTAL INDICES
CO3	ABILITY TO DELIVER HEALTH EDUCATION
CO4	ABILITY TO DESIGN SCIENTIFIC STUDIES
CO5	KNOW THE SURVEY PROCEDURES IN DENTISTRY AND PLAN A HEALTH PROGRAM
CO6	KNOW THE HEALTH CARE DELIVERY SYSTEM IN INDIA

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	1	3
CO2	3	3	3	1	3
CO3	3	3	3	2	3
CO4	3	3	3	3	3
CO5	3	3	3	2	3
CO6	3	3	3	2	3
AVG	3	3	3	2.1	3

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PERIODONTOLOGY

COURSE CODE	COURSE OUTCOME
CO-1	Student should know the basic tissues of Periodontium
CO-2	Student should learn about classification of diseases which affects the Periodontium
CO-3	Student to know about Etiopathogenesis of various periodontal diseases
CO-4	Student should know the basic infection control protocol, follow it for proper sterilization of the instruments and follow biomedical medical waste management along with recording the proper clinical history, examine the patients, perform essential diagnostic procedures.
CO-5	Students should be able to identify and proper usage of various periodontal instruments, instrumentation techniques, advise investigations and interpret them to come to a reasonable diagnosis about the condition
CO-6	Student should able to perform non-surgical procedure independently, acquire adequate skills and competence in performing various surgical procedures and Student should know about advanced surgical procedure like implants, laser and Piezo Surgery

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	-	-
CO2	3	3	3	-	3
CO3	3	3	3	1	3
CO4	3	3	3	3	3
CO5	3	3	3	2	3
CO6	3	3	3	2	3
AVG	3	3	3	2	3


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PROSTHODONTICS AND CROWN & BRIDGE

COURSE CODE	COURSE OUTCOME
CO1	Making primary impression of completely edentulous condition with Impression compound and fabrication of special tray
CO2	Able to perform removable partial and complete denture laboratory works.
CO3	Able to perform teeth setting for removable partial and complete denture prostheses
CO4	Elicit case history for partially and completely edentulous patients.
CO5	Clinical procedures involving impressions, maxillomandibular relationships, wax trials, denture insertions and recall visits for
	removable prosthesis
CO6	Understanding the patients, mental attitude. Instructing the patient
CO7	Knowledge on chair and operator position for procedures
CO8	Treatment planning and evaluation of diagnostic data.
CO9	Knowledge on objectives of impression making, Materials, techniques and armamentarium
CO10	Observing chair side demonstration of clinical Procedures
CO11	Visualizing techniques on videos.
CO12	Tooth preparation for different restorations on mannequin
CO13	Laboratory skills for fabrication of removable prosthesis
CO14	Knowledge about recent dental materials and rehabilitation techniques

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MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	-	2
CO2	3	3	-	-	-
CO3	3	3	3	-	-
CO4	3	3	-	-	2
CO5	3	3	-	-	-
CO6	3	3	3	2	-
CO7	3	3	3	-	
CO8	3	3	3	2	2
CO9	3	3	-	--	-
CO10	3	3	-	-	-
CO11	3	3	-	-	--
CO12	3	3	-	-	-
CO13	3	3	-		
CO14	3	3	3	2	
AVG	3	3	3	2	2


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MDS (MASTER OF DENTAL SURGERY)

PROGRAM OUTCOMES

The goals of the post-graduate training in various specialties are to train the graduate in Dental Surgery who will, (i) practice respective specialty efficiently and effectively, backed by scientific knowledge and skill; (ii) exercise empathy and a caring attitude and maintain high ethical standards; (iii) continue to evince keen interest in professional education in the specialty and allied specialties whether in teaching or practice; (iv) willing to share the knowledge and skills with any learner, junior or a colleague; (v) to develop the faculty for critical analysis and evaluation of various concepts and views and to adopt the most rational approach.

CODE	PROGRAM OUTCOME
PO1	Demonstrate understanding of basic sciences relevant to specialty
PO2	Describe etiology, pathophysiology, principles of diagnosis and management of common problems within the specialty in adults and children;
PO3	Identify social, economic, environmental and emotional determinants in a given case and take them into account for planned treatment
PO4	Recognize conditions that may be outside the area of specialty or competence and to refer them to the concerned specialist
PO5	Update knowledge by self-study and by attending courses, conferences and seminars pertaining to specialty
PO6	Undertake audit, use information technology and carry out research in both basic and clinical with the aim of publishing or presenting the work at various scientific gatherings

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PROGRAM SPECIFIC OUTCOMES

CONSERVATIVE DENTISTRY AND ENDODONTICS

PSO1	Ability to delineate the etiology, pathophysiology and restorative/ endodontic diagnosis to achieve predictable treatment outcomes. Knowledge and ability to perform contemporary procedures in the field of cariology, Dental Traumatology.
PSO2	Clinically sound to be able to provide differential diagnosis and also being able to relate the disease or condition to other specialties and refer them to experts accordingly.
PSO3	Exhibits skills to educate colleagues and other students.
PSO4	Possess adequate knowledge and skills in recording chair side medical history, perform both medical and diagnostic procedures, relevant tests and interpret diagnostic tools (CBCT, OPG's, RVG's) to achieve proper diagnosis which is a prerequisite for a favorable dental outcome
PSO5	Ability to perform surgical and non-surgical Endodontics (endo-osseous implants, endo and perio surgeries) as part of the interdisciplinary curriculum to approach any kind of clinical situation.
PSO6	Ability to handle acute pulpal and pulpo- periodontal situations.
PSO7	Constantly updating themselves on the recent advances in the field of conservative dentistry and endodontics by attending CDE programs, conferences, seminars, workshops, research methodologies across the country and overseas. Assessing oneself by challenging their own ability to be able to apply their advanced skills in their day-to-day practice.
PSO8	Adequate knowledge on informative technology and aids to do research activities in both basic and clinical fields which could be successfully published and also, be presented at scientific conferences across the country and overseas.
PSO9	Adequate Clinical skills to attend to failed endodontic therapy.

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PROSTHODONTICS AND CROWN & BRIDGE

CODE	OUTCOME
PSO1	Achieve knowledge and skill in theoretical and clinical laboratory, attitude, communicative skills and ability to perform research with a good understanding of social, cultural, educational and environmental background of the society
PSO2	To have adequate acquired knowledge and understanding of applied basic and systemic medical sciences, both in general and in particularly of head and neck region.
PSO3	The postgraduates should be able to provide Prosthodontic 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 graduates and MDS graduates of other specialties.
PSO4	To demonstrate evaluative and judgment skills in making appropriate decisions regarding prevention, treatment, after care and referrals to deliver comprehensive care to patients
PSO5	The student shall acquire knowledge of various Dental Materials used in the specialty and be able to provide appropriate indication, understand the manipulation characteristics, compare with other materials available, and be adept with recent advancements of the same
PSO6	Ability for comprehensive rehabilitation concept with pre prosthetic treatment plan including surgical re-evaluation and prosthodontic treatment planning, impressions, jaw relations, utility of face bows, articulators, selection and positioning of teeth, teeth arrangement for retention, stability, esthetics, phonation, psychological comfort, fit and insertion.
PSO7	The theoretical knowledge and clinical practice shall include principles involved for support, retention, stability, esthetics, phonation, mastication, occlusion, behavioral, psychological, preventive and social aspects of Prosthodontics science of Oral and Maxillofacial Prosthodontics and Implantology
PSO8	Should have knowledge of age changes, geriatric psychology, nutritional considerations and prosthodontic therapy in the aged population
PSO9	Ability to diagnose and plan treatment for patients requiring Prosthodontic therapy
PSO10	Should have an ability to plan and establish Prosthodontics clinic/hospital teaching department and practice management

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MDS ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS

CODE	OUTCOME
PSO1	Describe etiology, patho-physiology, principles of diagnosis and management of malocclusions in children and adults; identify social, economic, environmental and emotional determinants in a given case and take the same into account for treatment planning
PSO2	Recognize conditions requiring multidisciplinary approach and co-ordinate with the concerned specialist
PSO3	Update knowledge by self-study and interactions in group discussions and by attending lectures, courses, conferences and seminars
PSO4	Record a proper clinical history, examine the patient, perform essential diagnostic procedures and request and interpret relevant tests to come to a reasonable diagnosis about the condition.
PSO5	Acquire adequate skills and competence in selecting appropriate orthodontic appliances and performing various orthodontic procedures as would be required in a private practice
PSO6	Adopt ethical principles in all aspects of practice; foster professional honesty and integrity; deliver patient care irrespective of social status, caste, creed, or religion of the patient; develop communication skills, to explain various options available and obtain a true informed consent from the patient
PSO7	Accept the limitations in his / her knowledge and skill and to ask for help from colleagues when needed; respect patient's rights and privileges including patient's right to information and right to seek a second opinion
PSO8	Able to recognize various emergencies that may arise in an orthodontic practice
PSO9	Able to handle emergency orthodontic care like fixing loose bands, brackets & wires, cut protruding wire, prevent tissue irritation from sharp parts of appliances and accidental swallowing & aspiration of attachments
PS10	Able to recognize unsuccessfully treated cases
PS11	Able to handle unsuccessfully treated cases


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