



PMS COLLEGE
OF
DENTAL SCIENCE & RESEARCH

MDS ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS

PROGRAMME SPECIFIC OUTCOMES (PSO)

PSO 1: To practice the specialty of Orthodontics efficiently and effectively, backed by scientific knowledge and skill.

PSO 2: Continue to evince keen interest in continuing professional education in the specialty and allied specialties irrespective of whether in teaching or practice.

PSO 3: To develop the faculty for critical analysis and evaluation of various concepts and views and to adopt the most rational approach.

PSO 4: To achieve a high degree of proficiency in the subject of Orthodontics

PSO5: To develop competence in research and its methodology as related to the field concerned. Initiate and complete a research project and publishable thesis that includes the development of a hypothesis, a critical review of the literature, design methodology, statistical analysis, and interpretation

PSO6: To prepare the candidate for a career in teaching, research and specialty practice.

PSO7: Take a proper clinical history, examine the patient, perform essential diagnostic procedures and order relevant tests and interpret them to come to a reasonable diagnosis about the condition.

PSO8: The postgraduate should be able to be competent to fabricate and manage the most appropriate appliance intra or extra oral, removable or fixed, mechanical or functional, and active or passive for the treatment of any orthodontic problem to be treated singly or as a part of multidisciplinary treatment of oro-facial deformities.

PSO9: Manage and treat all types of malocclusions in either the transitional or the permanent dentition including dentofacial, craniofacial, functional, and temporomandibular problems.




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MDS ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS

MAPPING PSO WITH ASSESSMENT METHODS

SI No	Assessment Methods	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO 7	PSO 8	PSO 9
1.	Preclinical exercises	√							√	
2.	Clinical evaluation	√						√	√	√
3.	Research work Undertaken	√				√	√			
4.	Interdisciplinary discussions	√	√					√	√	
5.	CDE Programs/ Webinars/ Conferences	√	√							
6.	Case discussions	√		√				√	√	
7.	Journal Club discussions	√		√					√	
8.	Seminar discussions	√		√					√	
9.	Library dissertation					√	√		√	
10.	Publications in Scientific Journals	√				√	√			
11.	Teaching for Undergraduates						√			
12.	Internal assessment theory				√					
13.	Internal assessment practical				√			√		
14.	University theory				√					
15.	University practical				√			√		




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PROGRAMME SPECIFIC OUTCOME
DEPARTMENT OF ORAL AND MAXILLOFACIAL SURGERY

PSO1: Demonstrate understanding of basic sciences relevant to the specialty.

PSO2: Demonstrate knowledge and understanding of etiology, pathophysiology and diagnosis, appropriate treatment planning of various oral and maxillofacial surgical problems.

PSO3: Take a proper clinical history, examine the patient, perform essential diagnostic procedures and order relevant tests and interpret them to come to a reasonable diagnosis about the condition.

PSO4: Identify social, economic, environmental and emotional determinants in a given case and take them into account for planning treatment.

PSO5: Formulate an evidence-based and cost-effective treatment plan in collaboration with the patient.

PSO6: Recognize conditions that may be outside the area of speciality/competence and to refer them to an appropriate specialist.

PSO7: Acquire adequate skills and competence in performing various procedures as required in the speciality.

PSO8: Update knowledge by self-study and by attending courses, conferences and seminars relevant to speciality.

PSO9: Adopt recent innovations and techniques of surgical management developed from time to time-based on scientific evidence.

PSO10: Practise personal hygiene and infection control, prevention of cross infection.

PSO11: Adopt ethical principles in all aspects of practice and deliver patient care, irrespective of social status, caste, creed, or religion of the patient. Also respect patient's rights and privileges including patient's right to information.

PSO12: Function as an effective team member / leader of a multi professional Oral and Maxillofacial Surgical team.




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DEPT OF CONSERVATIVE DENTISTRY AND ENDODONTICS

Mapping LO with Teaching learning method

<u>Sl</u> <u>n</u> <u>o</u>	Teaching learning method	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7	PSO 8	PSO 9	PSO10	PSO11
1	Lecture	√	√		√	√	√	√	√			
2	Demonstration			√	√	√		√			√	
3	Role play					√			√			√
4	Experiential learning			√	√	√		√		√		
5	Clinical training			√	√	√	√	√				√
6	Problem based learning	√	√		√	√	√	√			√	




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Mapping LO with Assessment methods

Sl no	Assessment methods	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7	PSO 8	PSO 9	PSO1 0	PSO1 1	PSO1 2
1.	Class activity evaluation	√	√		√	√					√		
2.	Monthly test	√	√		√								√
3.	Clinical work grading			√		√		√		√		√	
4.	Case history discussion	√	√		√		√		√	√	√		
5.	Internal assessment theory	√	√		√								√
6.	Internal assessment practical	√	√	√	√	√	√	√	√	√	√		




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DEPT OF CONSERVATIVE DENTISTRY AND ENDODONTICS

PROGRAM SPECIFIC OUTCOME FOR MDS STUDENTS

PRECOURSE OUTCOME

PSO1- To diagnose different carious and non-carious lesions

PSO1- To diagnose pulpal and periapical lesions

PSO1- To differentially diagnose pulpal and periapical lesions

PSO4- To learn when to do pulp capping, pulpectomy and pulpotomy

PSO5- To be proficient in regular root canal treatment, when to opt for surgical endodontics

PSO6- To learn to correct anomalies related to size, shape and contour

PSO6- To be adapt in improving the overall esthetic of the patient

PSO7- To learn the different clinical steps on stimulated models like the plaster model, extracted teeth and typhodont.




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MIDCOURSE OUTCOME

PS08- to be proficient in handling airtor, apex locator, usage of rubber am and torque-controlled hand piece

PS09- To perform simple and complex direct and indirect restorations.

PS010- To be proficient in handling various restorative materials and endodontic procedures.

POST COURSE OUTCOME

PSO11- To be confident in handling all the simple and complex restorative and endodontic procedures

PSO12- To be proficient in working under magnification and illumination

PSO13- To be able to do full mouth rehabilitation.



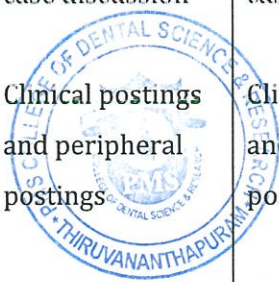

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MDS ORAL AND MAXILLOFACIAL PATHOLOGY AND ORAL MICROBIOLOGY

Mapping of PSO with T/L methods and Assessment methods

	PSO1	PSO 2	PSO 3	PSO 4	PSO 5
Teaching Learning Method	Lecture Practical training (experiential learning) Academic activity (Seminar, Journal club, Presentation, UG teaching) Symposia / seminar Interdisciplinary case discussion Clinical postings and peripheral postings Conferences/CDE Publication of scientific papers UG Teaching	Lecture Practical training (experiential learning) Academic activity (Seminar, Journal club, Presentation, UG teaching) Symposia / seminar Interdisciplinary case discussion Clinical postings and peripheral postings Conferences/CDE Publication of scientific papers UG Teaching	Library dissertation Dissertation Short studies Publication of scientific papers UG Teaching activity	Lecture Practical training (experiential learning) Academic activity (Seminar, Journal club, Presentation, UG teaching) Symposia / seminar Interdisciplinary case discussion Clinical postings and peripheral postings Conferences/CDE Publication of scientific papers UG Teaching	Library dissertation Dissertation Short studies Publication of scientific papers UG Teaching




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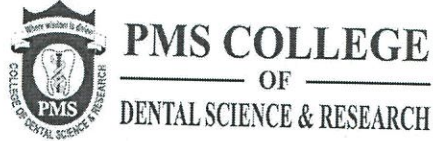


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	activity Computer training and internet applications	activity		activity	
Assessment method	Evaluation Checklists Departmental tests Internal assessment examinations - theory & practical with viva-voce University examinations-- theory & practical with viva-voce	Evaluation Checklists Departmental tests Internal assessment examinations - theory & practical with viva-voce University examinations-- theory & practical with viva-voce	Evaluation Checklists Internal assessment examinations - theory & practical with viva-voce University examinations-- theory & practical with viva-voce	Evaluation Checklists Departmental tests Internal assessment examinations - theory & practical with viva-voce University examinations-- theory & practical with viva-voce	Library dissertation Dissertation Conference presentations




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MDS ORAL AND MAXILLOFACIAL PATHOLOGY AND ORAL MICROBIOLOGY
PROGRAMME SPECIFIC OUTCOMES (PSO)

PSO 1: To practice the specialty of oral pathology efficiently and effectively, backed by scientific knowledge and skill.

PSO 2: To ensure higher competence in both general and special area of interest.

PSO 3: To prepare for a career in teaching, research and specialty practice.

PSO 4: To achieve a high degree of proficiency in the subject matter

PSO5: To develop competence in research and its methodology as related to the field concerned.




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MDS ORAL AND MAXILLOFACIAL PATHOLOGY AND ORAL MICROBIOLOGY

STATEMENT OF COMPONENT WISE MARKS FOR UNIVERSITY EXAMS MAPPED WITH PSO

The MDS examination consists of theory, practical / clinical examination, and Viva-voce and Pedagogy

THEORY : (Total 400 Marks)

- (1) Part I University Examination (100 Marks)
- (2) Part II (3 papers, each of 100 Marks)

- **PS01, PS02,PS03,PS04,PS05**

PRACTICAL EXAMINATION : 200 Marks

- Case presentation (30 marks)
- Haematology (20 marks)
- Cytology(20marks)
- Histopathology Techniques (30marks)
- Slide Discussion ,Histopathology Report Writing and Discussion(100 marks)

VIVA VOCE : 100 Marks

- **PS01, PS02,PS03,PS04,PS05**




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DEPT OF CONSERVATIVE DENTISTRY AND ENDODONTICS
PROGRAM SPECIFIC OUTCOME FOR MDS STUDENTS

PRECOURSE OUTCOME

PSO1- To diagnose different carious and non-carious lesions

PSO1- To diagnose pulpal and periapical lesions

PSO1- To differentially diagnose pulpal and periapical lesions

PSO4- To learn when to do pulp capping, pulpectomy and pulpotomy

PSO5- To be proficient in regular root canal treatment, when to opt for surgical endodontics

PSO6- To learn to correct anomalies related to size, shape and contour

PSO6- To be adept in improving the overall esthetic of the patient

PSO7- To learn the different clinical steps on stimulated models like the plaster model, extracted teeth and typhodont.



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MIDCOURSE OUTCOME

PS08-to be proficient in handling airtoror, apex locator, usage of rubber am and torque-controlled hand piece

PS09- To perform simple and complex direct and indirect restorations.

PS010- To be proficient in handling various restorative materials and endodontic procedures.

POST COURSE OUTCOME

PSO11- To be confident in handling all the simple and complex restorative and endodontic procedures

PSO12- To be proficient in working under magnification and illumination

PSO13- To be able to do full mouth rehabilitation.



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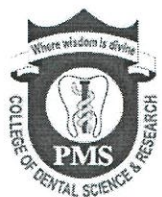
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Mapping LO with Teaching learning method

<u>Sl n o</u>	<u>Teaching learning method</u>	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7	PSO 8	PSO 9	PSO1 0	PSO1 1
1	Lecture	✓	✓		✓	✓	✓	✓	✓			
2	Demonstration			✓	✓	✓		✓			✓	
3	Role play					✓			✓			✓
4	Experiential learning			✓	✓	✓		✓		✓		
5	Clinical training			✓	✓	✓	✓	✓				✓
6	Problem based learning	✓	✓		✓	✓	✓	✓			✓	



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Mapping LO with Assessment methods

Sl no	Assessment methods	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7	PSO 8	PSO 9	PSO1 0	PSO1 1	PSO1 2
1.	Class activity evaluation	√	√		√	√					√		
2.	Monthly test	√	√		√								√
3.	Clinical work grading			√		√		√		√		√	
4.	Case history discussion	√	√		√		√		√	√	√		
5.	Internal assessment theory	√	√		√								√
6.	Internal assessment practical	√	√	√	√	√	√	√	√	√	√		



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LEARNING OUTCOMES

PROGRAM OUTCOMES FOR MDS PROGRAM

PO1: The student should be able to practice respective specialty efficiently and effectively, backed by scientific knowledge and skill

PO2: Exercise empathy and a caring attitude and maintain high ethical standards

PO3: Continue to evince keen interest in continuing professional education in the specialty and allied specialties irrespective of whether in teaching or practice

PO4: Willing to share the knowledge and skills with any learner, junior or a colleague

PO5: To develop the faculty for critical analysis and evaluation of various concepts and views, to adopt the most rational approach

PO6: Develop competence in research and its methodology as related to the field concerned

PO7: Adopt Human values, ethical practice and develop communication abilities

PROGRAM SPECIFIC OUTCOME OF MDS IN PERIODONTOLOGY PROGRAM

PSO1: To explain Basic sciences relevant to the practice of Periodontics, the etio pathogenesis, risk factors and different treatment strategies for periodontal disease

PSO2: To take proper clinical history, methodical examination of the patient, perform essential diagnostic procedures, and interpret them and arrive at a reasonable diagnosis

PSO3: To perform various periodontal surgical and nonsurgical procedures




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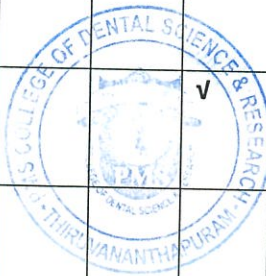
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MAPPING PO and PSO WITH TEACHING LEARNING METHOD

Sl no	Teaching learning method	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
1	Formal Lecture/guest lecture	√				√	√	√	√	√	√
2	Symposia/seminar	√							√		√
3	Clinical discussion	√				√		√	√	√	√
4	Journal club/clinical club	√				√			√		√
5	Demonstration	√								√	√
6	Experiential learning	√								√	√
7	Clinical training	√	√			√		√		√	√
8	Conference/CDE	√		√					√		√
9	Interdisciplinary discussion	√				√			√	√	√
10	Involvement in teaching activity				√				√		
11	Research activities						√				



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MAPPING PO and PSO WITH ASSESSMENT METHODS

Sl no	EVALUATION method	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
1	WORK DIARY/LOG BOOK	√	√	√				√		√	√
2	Periodic test/internal assessment	√							√		
3	Dissertation						√				
4	Journal club/seminar evaluation			√	√	√			√		
5	Theory class evaluation				√						
6	University examination-theory	√							√		
7	University examination-Practical	√	√					√		√	√




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Program Specific Outcome [PSO] MDS Oral Medicine and Radiology [As per KUHS Guidelines]

- PSO 1 - Practice the speciality efficiently and effectively, backed by scientific evidence
- PSO 2 - Exercise empathy and caring attitude and maintain high ethical standards
- PSO 3 - Continue to evince keen interest in continuing professional education in the speciality and allied specialties irrespective of whether in teaching or practice.
- PSO 4 - Willing to share the knowledge and skills with any learner, junior or a colleague
- PSO 5 - To develop the faculty for critical analysis and evaluation of various concepts and views, to adopt the most rational approach
- PSO 6 - To ensure higher competence in both general and special area of interest
- PSO 7 - To prepare them for a career in teaching, research and specialty practice
- PSO 8 - At the completion of course, candidate must achieve a high degree of clinical proficiency in the subject matter and develop competence in research and its methodology as related to the field concerned.
- PSO 9 - The candidate should have Knowledge (Cognitive Domain) , Skills (Psychomotor Domain)
- PSO 10 - To have Human values, ethical practice and communication abilities.
- PSO 11 - To demonstrate understanding of basic sciences relevant to the speciality.
- PSO 12 - Describe etiology, pathophysiology, principles of diagnosis and management of common problem within the speciality in adults and children.
- PSO 13 - Identify social, economic, environmental and emotional determinants in a given case and take them into account for planning treatment.
- PSO 14 - Recognize conditions that may be outside the area of speciality/competence and to refer them to an appropriate specialist.
- PSO 15 - Update knowledge by self-study and by attending courses, conferences and seminars relevant to speciality
- PSO 16 - Undertake audit; use information technology and carryout research both basic and clinical with the aim of publishing or presenting the work at various scientific gatherings.



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PSO 17 - Take a proper clinical history, examine the patient, perform essential diagnostic procedures and order relevant tests and interpret them to come to a reasonable diagnosis about the condition.

PSO 18 - Acquire adequate skills and competence in performing various procedures as required in the specialty.

PSO 19 - Adopt ethical principles in all aspects of practice.

PSO 20 - Foster professional honesty and integrity.

PSO 21 - Deliver patient care, irrespective of social status, caste, creed, or religion of the patient.

PSO 22 - Develop communication skills, in particular skill to explain various options available in management and to obtain a true informed consent from the patient.

PSO 23 - Provide leadership and get the best out of his team in congenial working atmosphere.

PSO 24 - Apply high moral and ethical standards while carrying out human or animal research.

PSO 25 - Be humble and accept the limitations in his knowledge and skill and to ask for help from colleagues when needed.

PSO 26 - Respect patient's rights and privileges including patient's right to information and right to seek a second opinion.



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DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY MAPPING WITH TEACHING LEARNING METHODS FOR MDS PROGRAM

Teaching Learning Methods	Case Presentation - Long Case/ Speciality/ Os	Radiographic Techniques & Interpretation Intraoral/ Extraoral	Specialised Imaging	Biopsy/ FNAC	Seminars	Journal Club	Pedagogy	Continuing Dental Education / Value added courses	Library Dissertation	Theses/ Research
PSO 1	✓	✓					✓		✓	✓
PSO 2	✓							✓		
PSO 3						✓		✓	✓	
PSO 4	✓	✓	✓						✓	
PSO 5						✓				✓
PSO 6	✓	✓	✓				✓	✓		✓
PSO 7										
PSO 8	✓	✓	✓	✓						
PSO 9	✓	✓	✓	✓						



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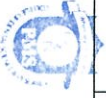
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PSO 10							✓													
PSO 11	✓		✓																	
PSO 12	✓																			
PSO 13	✓																			
PSO 14	✓																			
PSO 15									✓											
PSO 16																				
PSO 17	✓		✓					✓												
PSO 18	✓		✓					✓												
PSO 19	✓																			
PSO 20	✓																			
PSO 21	✓																			
PSO 22	✓																			
PSO 23																				
PSO 24																				
PSO 25	✓																			
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DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY MAPPING WITH METHOD OF ASSESSMENT FOR MDS PROGRAM

Assessment Methods	Clinical work grading	Viva	Internal Assessment theory	Internal Assessment Practical	University Exam Theory	University Exam Practical
PSO 1	✓	✓	✓	✓	✓	✓
PSO 2						
PSO 3	✓	✓	✓	✓	✓	✓
PSO 4						
PSO 5						
PSO 6	✓	✓	✓	✓	✓	✓
PSO 7						
PSO 8	✓	✓	✓	✓	✓	✓
PSO 9	✓	✓	✓	✓	✓	✓
PSO 10						



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PSO 11	✓	✓	✓	✓	✓	✓	✓
PSO 12	✓	✓	✓	✓	✓	✓	✓
PSO 13							
PSO 14							
PSO 15							
PSO 16							
PSO 17	✓	✓	✓	✓	✓	✓	✓
PSO 18	✓	✓	✓	✓	✓	✓	✓
PSO 19							
PSO 20							
PSO 21							
PSO 22							
PSO 23							
PSO 24							
PSO 25							



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DEPT. OF PROSTHODONTICS

PROGRAM SPECIFIC LEARNING OUTCOMES OF PROSTHODONTICS AND CROWN & BRIDGE IN MDS PROGRAMME.

- ❖ CO1: 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 adapt with recent advancements of the same.
- ❖ CO2: Take a proper clinical history, examine the patient, perform essential diagnostic procedures and order relevant tests and interpret them to come to a reasonable diagnosis about the condition.
- ❖ CO3: Describe etiology, pathophysiology, principles of diagnosis and management of common problem within the specialty in adults and children.
- ❖ CO4: Acquire adequate skills and competence in performing various procedures as required in the specialty.
- ❖ CO5: The candidate should possess knowledge about age changes and Prosthodontic Therapy for the aged related to removable Prosthodontics and Oral Implantology.
- ❖ CO6: The candidate should be able to demonstrate the clinical competence to restore lost functions of stomatognathic system namely mastication, speech, appearance and psychological comforts by removable prosthesis.
- ❖ CO7: The candidate should be able to demonstrate good interpersonal, communication skills and team approach in interdisciplinary care by interacting with other specialties including medical specialty for planned team management of patients for craniofacial & oral acquired and congenital defects, temporomandibular joint syndromes, esthetics, Implant supported Prosthetics and problems of Psychogenic origins.
- ❖ CO8: Should be able to interpret various radiographs like IOPA, OPG, CBCT and CT. Should and be able to plan and modify treatment plan based on radiographic findings.




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- ❖ CO9: To perform Clinical and Laboratory procedures with a clear understanding of biomaterials, tissue conditions related to prosthesis and have required dexterity & skill for performing clinical and laboratory all procedures In fixed, removable, Implant, maxillofacial, TMJ and esthetics Prosthodontics
- ❖ CO10: The candidate should understand the prevalence and prevention of diseases of craniomandibular system related to fixed prosthetic dentistry.
- ❖ CO11: Should be able to critically appraise articles published and understand various components of different types of articles and be able to gather the weight of evidence from the same.
- ❖ CO12: Should pursue research in a goal to contribute significant, relevant and useful information, concept or methodology to the scientific fraternity.
- ❖ CO13: Should be able to demonstrate evidence-based practice while handling cases.
- ❖ CO14: Should be willing to adopt new methods and techniques in Prosthodontics from time to time based on scientific research, which are in patient's best interest.
- ❖ CO15: Adopt ethical principles in all aspects of practice.
- ❖ CO16: Update knowledge by self-study and by attending courses, conferences and seminars relevant to specialty.
- ❖ CO17: Undertake audit; use Information technology and carry out research both basic and clinical with the aim of publishing or presenting the work at various scientific gatherings.
- ❖ CO18: Should be able to communicate in simple understandable language with the patient and explain the principles of Prosthodontics to the patient. She/he should be able to guide and counsel the patient with regard to various treatment modalities available.
- ❖ CO19: To develop the ability to communicate with professional colleagues through various media like Internet, e-mails, videoconferences etc. to render the best possible treatment.




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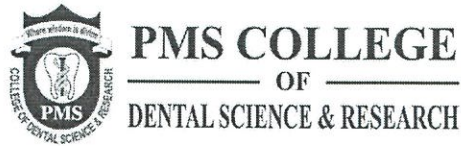
DEPT. OF PROSTHODONTICS

MAPPING WITH METHODS OF ASSESSMENTS

ASSESSMENT METHOD	PRE-CLINICAL EXERCISES	JOURNAL REVIEW /PRESENTATION	SEMINARS	LIBRARY DISSERTATION	CLINICAL WORK	CLINICAL PRESENTATION	TEACHING SKILL PRACTICE	DISSERTATION	VIVA-VOCE
CO1		✓	✓		✓		✓		✓
CO2		✓	✓		✓	✓	✓		✓
CO3		✓	✓			✓	✓		✓
CO4					✓				✓
CO5		✓	✓	✓	✓	✓	✓		✓
CO6		✓	✓		✓		✓		✓
CO7		✓	✓			✓	✓		✓
CO8		✓	✓			✓	✓		✓
CO9					✓		✓		✓
CO10		✓	✓	✓			✓		✓
CO11		✓	✓	✓			✓		✓
CO12		✓	✓	✓				✓	✓
CO13					✓	✓	✓		✓
CO14		✓	✓	✓				✓	✓
CO15					✓	✓			✓
CO16		✓	✓	✓				✓	✓
CO17		✓	✓	✓				✓	✓
CO18						✓	✓		✓
CO19		✓	✓	✓			✓	✓	✓




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MDS ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS

PROGRAMME SPECIFIC OUTCOMES (PSO)

PSO 1: To practice the specialty of Orthodontics efficiently and effectively, backed by scientific knowledge and skill.

PSO 2: Continue to evince keen interest in continuing professional education in the specialty and allied specialties irrespective of whether in teaching or practice.

PSO 3: To develop the faculty for critical analysis and evaluation of various concepts and views and to adopt the most rational approach.

PSO 4: To achieve a high degree of proficiency in the subject of Orthodontics

PSO5: To develop competence in research and its methodology as related to the field concerned. Initiate and complete a research project and publishable thesis that includes the development of a hypothesis, a critical review of the literature, design methodology, statistical analysis, and interpretation

PSO6: To prepare the candidate for a career in teaching, research and specialty practice.

PSO7: Take a proper clinical history, examine the patient, perform essential diagnostic procedures and order relevant tests and interpret them to come to a reasonable diagnosis about the condition.

PSO8: The postgraduate should be able to be competent to fabricate and manage the most appropriate appliance intra or extra oral, removable or fixed, mechanical or functional, and active or passive for the treatment of any orthodontic problem to be treated singly or as a part of multidisciplinary treatment of oro-facial deformities.

PSO9: Manage and treat all types of malocclusions in either the transitional or the permanent dentition including dentofacial, craniofacial, functional, and temporomandibular problems.



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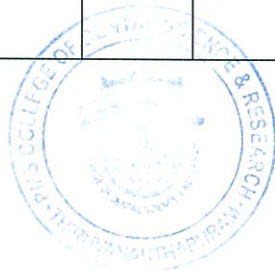


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MAPPING PSO WITH ASSESSMENT METHODS

SI No	Assessment Methods	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO 7	PSO 8	PSO 9
1.	Preclinical exercises	√							√	
2.	Clinical evaluation	√						√	√	√
3.	Research work Undertaken	√				√	√			
4.	Interdisciplinary discussions	√	√					√	√	
5.	CDE Programs/ Webinars/ Conferences	√	√							
6.	Case discussions	√		√				√	√	
7.	Journal Club discussions	√		√					√	
8.	Seminar discussions	√		√					√	
9.	Library dissertation					√	√		√	
10.	Publications in Scientific Journals	√				√	√			
11.	Teaching for Undergraduates						√			
12.	Internal assessment theory				√					
13.	Internal assessment practical				√			√		
14.	University theory				√					
15.	University practical				√			√		



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