

Saveetha Institute of Medical and Technical Sciences

Vision:

To be and to be recognized for setting the standards of excellence in professional education and high quality scientific research.

Mission:

To Promote Academic Excellence, widen intellectual horizons, inculcate self discipline, and high ideals for the total personality development of individual to convert a novice into a competent professional with excellent theoretical knowledge and unsurpassed practical / clinical skills and to motivate interest in research activities, further education and social service.

Saveetha Dental College

Saveetha Institute of Medical and Technical Sciences (SIMATS)

PSO CO mapping for MDS Course

Conservative Dentistry and Endodontics (1506)

Program Outcome MDS	
PO1	Sound Theoretical Knowledge and Clinical / Practical Skills
PO2:	Ability to communicate and express concepts with basic pedagogical principles
PO3:	Sound Understanding of Research and ability to take up and complete independent research projects
PO4	Develop an aptitude for interdisciplinary diagnosis, prognosis and treatment planning.
PO5	Ability to apply and integrate basic science theory in their speciality knowledge.
PO6	Acquire sound principles in ethics and empathy

Program Outcome MDS (1506)	
PSO1	Patient assessment, diagnosis, comprehensive treatment planning, prognosis pertaining to conservative and endodontic procedures
PSO2:	Caries prevention, non-invasive and micro and minimally invasive management of initial caries
PSO3:	Knowledge about the various dental materials and armamentarium used in conservative, esthetic and endodontics procedures
PSO4	Conservative management of carious tooth with direct and indirect restorations
PSO5	Management of badly broken tooth with complex restorations
PSO6	Management of deep carious lesions and treatment of non-vital tooth with open apex in regenerative endodontic procedure
PSO7	Dental trauma management

PSO8	Aesthetic management of discoloration and spacing
PSO9	Endodontic management under magnification
PSO10	Management of endodontic mishaps
PSO11	Endodontic surgical procedures
PSO12	Restoration of endodontically treated teeth
PSO13	Acquire knowledge about laser physics, laser-tissue interactions, laser safety and applications of laser in Conservative dentistry and Endodontics
PSO14	Application of digital technology in conservative, aesthetic and endodontic management
PSO15	Interdisciplinary management of complex cases
PSO16	Critical analysis of the existing data to formulate new treatment protocols and innovative ideas that facilitate quality treatment with better prognosis.

Course Details: MDS: 001 [Applied Basic Medical Sciences - ABMS]		
Course Outcome		PO mapping
CO1	Knowledge of applied Anatomy, Physiology, Biochemistry Physiology, Pathology, Microbiology in respective clinical specialties.	PO1,PO5 PSO1
CO2	Knowledge and applications of molecular biology and genetics in disease pathogenesis, diagnosis in clinical practice	PO1,PO5 PSO1
CO3	Knowledge of applied material sciences in developing treatment strategies	PO1,PO5 PSO1
CO4	Knowledge on infection protocol in clinical practice	PO1,PO5 PSO1
	Outcome Evaluation (100 marks) Total Score (Summative = 100 marks)	PO CO Mapping
ST	Theory exam-100 marks	PO1,PO5, PSO1 CO1, CO2, CO3, CO4

Outcome Analysis (100 marks)			
	Outcome Evaluation (100 marks) Total Score (Summative= 100 marks)	PSO CO Mapping	Outcome Analysis 2021
ST	Theory Exam	PO1,PO5, PSO1 CO1, CO2, CO3, CO4	72
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • FT FORMATIVE THEORY 			

Course Details: MDS: 002 [Research Methodology and Biostatistics]

Course Outcome		PO mapping
CO1	Should know the basics of clinical epidemiology	PO1,PO3,PO6 PSO16
CO2	Should know the importance of ethics in research	PO1,PO3,PO6 PSO16
CO2	Should have the knowledge of various study designs namely Cohort, Case control, Cross sectional, Clinical trial and Diagnostic studies	PO1,PO3,PO6 PSO16
CO3	Should be able to define the hypothesis and frame the research question in PICO format	PO1,PO3,PO6 PSO16
CO4	Should know the various reporting guidelines	PO1,PO3,PO6 PSO16
CO5	Should be able to critically analyze the topic with emphasis on quality assessment	PO1,PO3,PO6 PSO16
CO6	Understanding of Descriptive and Inferential statistical tests and interpretation.	PO1,PO3,PO6 PSO16
CO7	Knowledge on types of data and to arrive at sample size determination for the research projects to be undertaken using G power analysis.	PO1,PO3,PO6 PSO16
CO8	Knowledge on parametric and non parametric statistical analysis and choosing of appropriate tests based on the outcome variables.	PO1,PO3,PO6 PSO16
CO9	Application of Descriptive and Inferential statistical analysis of data using statistical software SPSS	PO1,PO3,PO6 PSO16
Outcome Evaluation (100 marks) Total Score (Summative = 100 marks)		PSO CO Mapping
ST	Theory exam-100 marks	PO1,PO3,PO6, PSO16 CO1, CO2, CO3, CO4,

		CO5, CO6, CO7, CO8, CO9
FT	Assessment of activities and assignments (100 marks)	PO1,PO3,PO6, PSO16 CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9

Outcome Analysis (100 marks)			
	Outcome Evaluation (100 marks)	PSO CO Mapping	Outcome Analysis 2021
ST	Theory Exam	PO1,PO3,PO6, PSO16 CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9	70
FT	Formative Assessment	PO1,PO3,PO6,PSO16 CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9	74
Legend:			
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • FT FORMATIVE THEORY 			

Course Details: MDS313: Dental Materials- Theory		
Course Outcome		PSO mapping
CO1	Knowledge and understanding about the properties of Dental Cements	PO1,PO3, PO5, PSO1, PSO3, PSO16
CO2	Understanding the material aspect and properties of direct restorative materials such as dental amalgam, composites(including adhesion of dentin bonding agents)	PO1,PO3,PO5, PSO1, PSO3, PSO16
CO3	Should have the knowledge about the indirect materials such as Ceramics , and Cast metal alloys	PO1,PO3, PO5, PSO1, PSO3,

		PSO16
CO4	Should acquire the knowledge on different Impression materials.	PO1,PO3,PO5 PSO1, PSO3, PSO16
CO5	Knowledge about the properties namely physical, mechanical and thermal.	PO1,PO3,PO5 PSO1, PSO3, PSO16
	Outcome Evaluation (100 marks)	PSO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1,PO3,PO5, PSO1, PSO3, PSO16 CO1,CO2,CO3,CO4,CO5
ST	EBD Concept Map (1 x 5 = 5 marks)	PO1,PO3,PO5, PSO1, PSO3, PSO16 CO1,CO2,CO3,CO4,CO5
ST	Objectives (90 x 0.5 = 45 marks)	PO1,PO3,PO5, PSO1, PSO3, PSO16 CO1,CO2,CO3,CO4,CO5
FT	Weighted percentile scores of Periodic Tests converted for 100 marks	PO1,PO3,PO5, PSO1, PSO3, PSO16 CO1,CO2,CO3,CO4,CO5
FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PO3,PO5, PSO1, PSO3, PSO16 CO1,CO2,CO3,CO4,CO5

Result Analysis :

Course Details:MDS313: Dental Materials-Theory			
Outcome Analysis			
	Outcome Evaluation (100 marks)	PSO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1,PO3,PO5 PSO1, PSO3, PSO16 CO1,CO2,CO3,CO4,CO5	78
ST	CAT Concept Map (2 x 15 = 30 marks)	PO1,PO3,PO5 PSO1, PSO3, PSO16 CO1,CO2,CO3,CO4,CO5	78
ST	Objectives (50 x 1 = 50 marks)	PO1,PO3,PO5 PSO1, PSO3, PSO16 CO1,CO2,CO3,CO4,CO5	78
FT	Weighted percentile scores of Periodic Tests converted for 100 marks	PO1,PO3,PO5 PSO1, PSO3, PSO16 CO1,CO2,CO3,CO4,CO5	82
FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PO3,PO5 PSO1, PSO3, PSO16 CO1,CO2,CO3,CO4,CO5	90
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS319: Endodontic Armamentarium		
Course Outcome		PSO mapping
CO1	Should have knowledge about the different endodontic hand and rotary instruments	PO1, PO3, PO5, PSO3
CO2	Should have knowledge about apex locators, irrigants and irrigation devices, intracanal medicaments	PO1,PO3,PO5,PSO3
CO3	Should have knowledge about obturators and obturation materials	PO1,PO3,PO5,PSO3
CO4	Should be trained in the use of operating Microscope	PO1,PO3,PO5,PSO3
	Outcome Evaluation (100 marks)	PSO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1,PO3,PO5,PSO3, PSO1,PSO3 CO1,CO2,CO3,CO4
ST	CAT Concept Map (2 x 15 = 30 marks)	PO1,PO3,PO5,PSO3, PSO1,PSO3 CO1,CO2,CO3,CO4
ST	Objectives (50 x 1 = 50 marks)	PO1,PO3,PO5,PSO3, PSO1,PSO3 CO1,CO2,CO3,CO4
FT	Weighted percentile scores of Periodic Tests converted for 100 marks	PO1,PO3,PO5,PSO3, PSO1,PSO3 CO1,CO2,CO3,CO4
FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PO3,PO5,PSO3, PSO1,PSO3 CO1,CO2,CO3,CO4
Legend:		
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, 		

- FC FORMATIVE CLINICAL
- FRC FORMATIVE RESEARCH - CO-CURRICULAR

Result Analysis :

Course Details:MDS319: Endodontic Armamentarium			
Outcome Analysis			
	Outcome Evaluation (100 marks)	PSO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1,PO3,PO5,PSO3, PSO1,PSO3 CO1,CO2,CO3,CO4	78
ST	CAT Concept Map (2 x 15 = 30 marks)	PO1,PO3,PO5,PSO3, PSO1,PSO3 CO1,CO2,CO3,CO4	78
ST	Objectives (50 x 1 = 50 marks)	PO1,PO3,PO5,PSO3, PSO1,PSO3 CO1,CO2,CO3,CO4	78
FT	Weighted percentile scores of Periodic Tests converted for 100 marks	PO1,PO3,PO5,PSO3, PSO1,PSO3 CO1,CO2,CO3,CO4	75
FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PO3,PO5,PSO3, PSO1,PSO3 CO1,CO2,CO3,CO4	88
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS312:Pre-Clinical Conse & Endo Practicals		
Course Outcome		PSO mapping
CO1	Hands on procedures for various cavity preparation are carried out on tyodont teeth	PO1,PO3,PO5, PSO1,PSO3, PSO4,PSO7, PSO9,PSO11, PSO13
CO2	Hands on procedures for direct and indirect restorations are done	PO1,PO3,PO5, PSO1,PSO3, PSO4,PSO7, PSO9,PSO11, PSO13
CO3	Able to perform proper access cavity preparation, working length determination, cleaning and shaping, irrigation protocol and obturation in both natural and acrylic teeth.	PO1,PO3,PO5, PSO1,PSO3, PSO4,PSO7, PSO9,PSO11, PSO13
CO4	Restoration of endodontically treated teeth (Inlay , Onlay, Full crown,Endo Crown)	PO1,PO3,PO5, PSO1,PSO3, PSO4,PSO7, PSO9,PSO11, PSO13
Outcome Evaluation (100 marks)		PSO CO Mapping
SP	Practicals (80 marks) (Class II amalgam restoration on typhodont tooth, Lower molar RCT on extracted tooth)	PO1,PO3,PO5, PSO1,PSO3,PSO4, PSO7,PSO9,PSO11, PSO13 CO1,CO2,CO3,CO4
SV	Viva (20 marks)	PO1,PO3,PO5, PSO1,PSO3,PSO4, PSO7,PSO9,PSO11, PSO13 CO1,CO2,CO3,CO4
FC	Practical exercise activity score - 100 marks	PO1,PO3,PO5,

	<p>Documentations of best cases (50 marks)</p> <p>DIAS Score (50 marks)</p>	<p>PSO1,PSO3,PSO4, PSO7,PSO9,PSO11 ,PSO13</p> <p>CO1,CO2,CO3,CO4</p>
FRC	<p>Research poster/paper presentation / publication scores, and awards - 50 marks</p>	<p>PO1,PO3,PO5, PSO1,PSO3,PSO4, PSO7,PSO9,PSO11 ,PSO13</p> <p>CO1,CO2,CO3,CO4</p>
<p>Legend:</p> <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 		

Result Analysis :

Course Details:MDS312:Pre-Clinical Conse & Endo Practicals			
Outcome Analysis			
	Outcome Evaluation (100 marks)	PSO CO Mapping	Outcome Analysis 2021
SP	Practicals (80 marks) (Class II amalgam restoration, Lower molar RCT)	PO1,PO3,PO5, PSO1,PSO3,PSO4, PSO7,PSO9,PSO11 ,PSO13 CO1,CO2,CO3,CO4	82
SV	Viva (20 marks)	PO1,PO3,PO5, PSO1,PSO3,PSO4, PSO7,PSO9,PSO11 ,PSO13 CO1,CO2,CO3,CO4	86
FC	Practical exercise activity score - 100 marks Documentations of best cases (50 marks) DIAS Score (50 marks)	PO1,PO3,PO5, PSO1,PSO3,PSO4, PSO7,PSO9,PSO11 ,PSO13 CO1,CO2,CO3,CO4	77
FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO1,PO3,PO5, PSO1,PSO3,PSO4, PSO7,PSO9,PSO11 ,PSO13 CO1,CO2,CO3,CO4	80
Legend: ● ST SUMMATIVE THEORY,			

- | | |
|--|--|
| <ul style="list-style-type: none">• SP SUMMATIVE PRACTICAL,• SV SUMMATIVE VIVA,• FT FORMATIVE THEORY,• FP FORMATIVE PRACTICAL,• FC FORMATIVE CLINICAL• FRC FORMATIVE RESEARCH - CO-CURRICULAR | |
|--|--|

Course Details: MDS316:Cariology Theory		
Course Outcome		PSO mapping
CO1	Develop the understanding of dental caries disease dynamics, role of primary and secondary factors contributing to disease initiation and progression. Caries prevention	PO1,PO3,PO4,PO5 PSO1,PSO2,PSO16
CO2	The hypothesis involved in etio-pathogenesis of dental caries. Epidemiology of dental caries.	PO1,PO3,PO4,PO5 PSO1,PSO2,PSO16
CO3	To gain knowledge of risk assessment and methods to detect and diagnose dental caries	PO1,PO3,PO4,PO5 PSO1,PSO2,PSO16
CO4	Histopathological characteristics of dental caries in enamel and dentin.	PO1,PO3,PO4,PO5 PSO1,PSO2,PSO16
CO5	Understanding the management strategies including non-invasive, micro invasive and invasive strategies at patient level and at community level.	PO1,PO3,PO4,PO5 PSO1,PSO2,PSO16
CO6	Future trends in disease management	PO1,PO3,PO4,PO5 PSO1,PSO2,PSO16
Outcome Evaluation (100 marks)		PSO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1,PO3,PO4,PO5 PSO1,PSO2,PSO16,CO1,CO2,CO3 CO4,CO5,CO6
ST	CAT Concept Map (2 x 15 = 30 marks)	PO1,PO3,PO4,PO5 PSO1,PSO2,PSO16,CO1,CO2,CO3 CO4,CO5,CO6
ST	Objectives (50 x 1 = 50 marks)	PO1,PO3,PO4,PO5 PSO1,PSO2,PSO16,CO1,CO2,CO3 CO4,CO5,CO6
FT	Weighted percentile scores of Periodic Tests converted for 100 marks	PO1,PO3,PO4,PO5 PSO1,PSO2,PSO16,CO1,CO2,CO3 CO4,CO5,CO6

FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PO3,PO4,PO5 PSO1,PSO2,PSO16,CO 1,CO2,CO3 CO4,CO5,CO6
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 		

Result Analysis :

Course Details:MDS316: Cariology Theory			
Outcome Analysis			
	Outcome Evaluation (100 marks)	PSO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1,PO3,PO4,PO5 PSO1,PSO2,PSO16,CO1,CO2,CO3 CO4,CO5,CO6	80
ST	CAT Concept Map (2 x 15 = 30 marks)	PO1,PO3,PO4,PO5 PSO1,PSO2,PSO16,CO1,CO2,CO3 CO4,CO5,CO6	80
ST	Objectives (50 x 1 = 50 marks)	PO1,PO3,PO4,PO5 PSO1,PSO2,PSO16,CO1,CO2,CO3 CO4,CO5,CO6	80
FT	Weighted percentile scores of Periodic Tests converted for 100 marks	PO1,PO3,PO4,PO5 PSO1,PSO2,PSO16,CO1,CO2,CO3 CO4,CO5,CO6	78
FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PO3,PO4,PO5 PSO1,PSO2,PSO16,CO1,CO2,CO3 CO4,CO5,CO6	85
Legend:			
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS317:Basic Operative Dentistry Practical		
Course Outcome		PSO mapping
CO1	Skill development for preparing cavities, pulp protection and restoring with direct restorations	PO1,PO3,PO4,PO5 PSO1,PSO3,PSO4, PSO5
CO2	Skill development for preparing cavities, pulp protection and restoring with indirect restorations	PO1,PO3,PO4,PO5 PSO1,PSO3,PSO4, PSO5
Outcome Evaluation (100 marks)		PSO CO Mapping
SP	Practicals (80 marks) (Class II amalgam restoration)	PO1,PO3,PO4,PO5 PSO1,PSO3, PSO4, PSO5 CO1,CO2
SV	Viva marks (20 marks)	PO1,PO3,PO4,PO5 PSO1,PSO3, PSO4, PSO5 CO1,CO2
FC	Practical exercise activity score - 100 marks Documentations of best cases (50 marks) DIAS Score (50 marks)	PO1,PO3,PO4,PO5 PSO1,PSO3, PSO4, PSO5 CO1,CO2
FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO2,PO3 PSO16
Legend:		
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 		

Result Analysis :

Course Details:MDS317:Basic Operative Dentistry Practical			
Outcome Analysis			
	Outcome Evaluation (100 marks)	PSO CO Mapping	Outcome Analysis 2021
SP	Practicals (80 marks)	PO1,PO3,PO4,PO5 PSO1,PSO3, PSO4, PSO5 CO1,CO2	72
SV	Viva (20 marks)	PO1,PO3,PO4,PO5 PSO1,PSO3, PSO4, PSO5 CO1,CO2	78
FC	Practical exercise activity score - 100 marks Documentations of best cases (50 marks) DIAS Score (50 marks)	PO1,PO3,PO4,PO5 PSO1,PSO3, PSO4, PSO5 CO1,CO2	88
FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO2,PO3 PSO16	82
Legend:			
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS315:Basic Operative Dentistry Theory		
Course Outcome		PSO mapping
CO1	To gain basic understanding of the direct restorations from cavity preparation to restoring the teeth	PO1,PO5,PSO1,PSO3,PSO4,PSO5
CO2	Importance of proper contact and contours	PO1,PO5,PSO1,PSO3,PSO4,PSO5
CO3	Able to diagnose and manage teeth with wasting diseases	PO1,PO5,PSO1,PSO3,PSO4,PSO5
CO4	Able to manage cases of deep caries with proper pulp protection	PO1,PO5,PSO1,PSO3,PSO4,PSO5
Outcome Evaluation (100 marks)		PSO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1,PO5,PSO1,PSO3,PSO4,PSO5 CO1,CO2,CO3,CO4
ST	CAT Concept Map (2 x 15 = 30 marks)	PO1,PO5,PSO1,PSO3,PSO4,PSO5 CO1,CO2,CO3,CO4
ST	Objectives (50 x 1 = 50 marks)	PO1,PO5,PSO1,PSO3,PSO4,PSO5 CO1,CO2,CO3,CO4
FT	Weighted percentile scores of Periodic Tests converted for 100 marks	PO1,PO5,PSO1,PSO3,PSO4,PSO5 CO1,CO2,CO3,CO4
FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PO5,PSO1,PSO3,PSO4,PSO5 CO1,CO2,CO3,CO4
Legend:		
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, 		

- FC FORMATIVE CLINICAL
- FRC FORMATIVE RESEARCH - CO-CURRICULAR

--

Result Analysis :

Course Details:MDS315:Basic Operative Dentistry Theory			
Outcome Analysis			
	Outcome Evaluation (100 marks)	PSO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1,PO5,PSO1,PSO3, PSO4, PSO5 CO1,CO2,CO3,CO4	82
ST	CAT Concept Map (2 x 15 = 30 marks)	PO1,PO5,PSO1,PSO3, PSO4, PSO5 CO1,CO2,CO3,CO4	82
ST	Objectives (50 x 1 = 50 marks)	PO1,PO5,PSO1,PSO3, PSO4, PSO5 CO1,CO2,CO3,CO4	82
FT	Weighted percentile scores of Periodic Tests converted for 100 marks	PO1,PO5,PSO1,PSO3, PSO4, PSO5 CO1,CO2,CO3,CO4	72
FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PO5,PSO1,PSO3, PSO4, PSO5 CO1,CO2,CO3,CO4	84
Legend:			
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS330:Advanced Operative Dentistry Theory		
Course Outcome		PSO mapping
CO1	To acquire knowledge on the diagnosis of hypersensitivity, methods to control the same and treatment protocol	PO1,PO5,PSO1,PSO2, PSO3, PSO4, PSO5
CO2	Understanding the concepts of contact and contour of teeth and its importance to maintain the same when restoring lost tooth structure	PO1,PO5,PSO1,PSO2, PSO3, PSO4, PSO5
CO3	Knowledgeable about complex restorations like bonded amalgam	PO1,PO5,PSO1,PSO2, PSO3, PSO4, PSO5
Outcome Evaluation (100 marks)		PSO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1,PO5,PSO1,PSO2, PSO3, PSO4, PSO5 CO1,CO2,CO3
ST	CAT Concept Map (2 x 15 = 30 marks)	PO1,PO5,PSO1,PSO2, PSO3, PSO4, PSO5 CO1,CO2,CO3
ST	Objectives (50 x 1 = 50 marks)	PO1,PO5,PSO1,PSO2, PSO3, PSO4, PSO5 CO1,CO2,CO3
FT	Weighted percentile scores of Periodic Tests converted for 100 marks	PO1,PO5,PSO1,PSO2, PSO3, PSO4, PSO5 CO1,CO2,CO3
FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PO5,PSO1,PSO2, PSO3, PSO4, PSO5 CO1,CO2,CO3
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 		

Result Analysis :

Course Details:MDS330:Advanced Operative Dentistry Theory			
Outcome Analysis			
	Outcome Evaluation (100 marks)	PSO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1,PO5,PSO1,PSO2, PSO3, PSO4, PSO5 CO1,CO2,CO3	72
ST	CAT Concept Map (2 x 15 = 30 marks)	PO1,PO5,PSO1,PSO2, PSO3, PSO4, PSO5 CO1,CO2,CO3	72
ST	Objectives (50 x 1 = 50 marks)	PO1,PO5,PSO1,PSO2, PSO3, PSO4, PSO5 CO1,CO2,CO3	72
FT	Weighted percentile scores of Periodic Tests converted for 100 marks	PO1,PO5,PSO1,PSO2, PSO3, PSO4, PSO5 CO1,CO2,CO3	68
FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PO5,PSO1,PSO2, PSO3, PSO4, PSO5 CO1,CO2,CO3	78
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS331:Advanced Operative Dentistry Practical		
Course Outcome		PSO mapping
CO1	Able to diagnose hypersensitivity, methods to control the same and treatment protocol. Application of laser to treat hypersensitivity	PO1,PO2,PO4,PSO1,PSO5, PSO13
CO2	Able to manage non-carious cervical lesions with different adhesive strategies	PO1,PO2,PO4,PSO1, PSO5, PSO13
CO3	Manage complex cavity with bonded amalgam restorations	PO1,PO2,PO4,PSO1, PSO5, PSO13
	Outcome Evaluation (100 marks)	PSO CO Mapping
SP	Practicals (80 marks) (Bonded amalgam restoration for badly broken down tooth)	PO1,PO2,PO4,PSO1, PSO5, PSO13 CO1,CO2,CO3
SV	Viva (20 marks)	PO1,PO2,PO4,PSO1, PSO5, PSO13 CO1,CO2,CO3
FC	Practical exercise activity score - 100 marks Documentations of best cases (50 marks) DIAS Score (50 marks)	PO1,PO2,PO4,PSO1, PSO5, PSO13 CO1,CO2,CO3
FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO3,PSO16
Legend:		
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 		

Result Analysis :

Course Details:MDS331:Advanced Operative Dentistry Practical			
Outcome Analysis			
	Outcome Evaluation (100 marks)	PSO CO Mapping	Outcome Analysis 2021
SP	Practicals (80 marks) (Bonded amalgam restoration for badly broken down tooth)	PO1,PO2,PO4,PSO1,PSO 5, PSO13 CO1,CO2,CO3	80
SV	Viva (20 marks)	PO1,PO2,PO4,PSO1,PSO 5, PSO13 CO1,CO2,CO3	74
FC	Practical exercise activity score - 100 marks Documentations of best cases (50 marks) DIAS Score (50 marks)	PO1,PO2,PO4,PSO1,PSO 5, PSO13 CO1,CO2,CO3	86
FR C	Research poster / paper presentation / publication scores, and awards - 50 marks	PO3,PSO16	79
Legend:			
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS318:Basic Endodontics Theory		
Course Outcome		PSO mapping
CO1	To expertise in the diagnosis and treatment planning for endodontic procedures	PO1,PO4,PO6 PSO1, PSO9
CO2	Should be able to educate the patient on the awareness of root canal procedure and execute the same procedures for the patient in need.	PO1,PO4,PO6PS O1, PSO9
CO3	Acquire basic knowledge of complex root canal anatomy, access cavity preparation	PO1,PO4,PO6PS O1, PSO9
CO4	Gain knowledge of the importance of cleaning and shaping and three dimensional obturation of prepared root canal system	PO1,PO4,PO6PS O1, PSO9
Outcome Evaluation (100 marks)		PSO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1,PO4,PO6PSO1, PSO9 CO1,CO2,CO3,CO4
ST	CAT Concept Map (2 x 15 = 30 marks)	PO1,PO4,PO6PSO1, PSO9 CO1,CO2,CO3,CO4
ST	Objectives (50 x 1 = 50 marks)	PO1,PO4,PO6PSO1, PSO9 CO1,CO2,CO3,CO4
F T	Weighted percentile scores of Periodic Tests converted for 100marks	PO1,PO4,PO6PSO 1, PSO9 CO1,CO2,CO3,CO4
F T	Mean ARMS daily participation score converted for 100 marks.	PO1,PO4,PO6PSO1, PSO9 CO1,CO2,CO3,CO4
Legend:		
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 		

Result Analysis :

Course Details:MDS318:Basic Endodontics Theory			
Outcome Analysis			
	Outcome Evaluation (100 marks)	PSO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1,PO4,PO6,PSO1, PSO9 CO1,CO2,CO3,CO4	82
ST	CAT Concept Map (2 x 15 = 30 marks)	PO1,PO4,PO6,PSO1, PSO9 CO1,CO2,CO3,CO4	82
ST	Objectives (50 x 1 = 50 marks)	PO1,PO4,PO6PSO1, PSO9 CO1,CO2,CO3,CO4	82
FT	Weighted percentile scores of Periodic Tests converted for 100marks	PO1,PO4,PO6PSO1, PSO9 CO1,CO2,CO3,CO4	89
FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PO4,PO6PSO1, PSO9 CO1,CO2,CO3,CO4	92
Legend:			
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS321:Advanced Endodontics Theory		
Course Outcome		PSO mapping
CO1	Knowledge about the management of teeth that underwent trauma.	PO1,PO4,PO6, PSO1, PSO7, PSO9, PSO10, PSO11, PSO12, PSO15
CO2	Knowledge about the different endodontic mishaps, its causes, prevention and management.	PO1,PO4,PO6, PSO1, PSO7, PSO9, PSO10, PSO11, PSO12, PSO15
CO3	To gain in depth knowledge about the different complex cases requiring multidisciplinary management.	PO1,PO4,PO6, PSO1, PSO7, PSO9, PSO10, PSO11, PSO12, PSO15
CO4	To obtain knowledge about the surgical management of large periapical lesions under magnification.	PO1,PO4,PO6, PSO1, PSO7, PSO9, PSO10, PSO11, PSO12, PSO15
Outcome Evaluation (100 marks)		PSO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1,PO4,PO6, PSO1, PSO7, PSO9, PSO10, PSO11, PSO12, PSO15 CO1,CO2,CO3,CO4
ST	CAT Concept Map (2 x 15 = 30 marks)	PO1,PO4,PO6, PSO1, PSO7, PSO9, PSO10, PSO11, PSO12, PSO15 CO1,CO2,CO3,CO4
ST	Objectives (50 x 1 = 50 marks)	PO1,PO4,PO6, PSO1, PSO7, PSO9, PSO10, PSO11, PSO12, PSO15 CO1,CO2,CO3,CO4
FT	Weighted percentile scores of Periodic Tests converted for 100marks	PO1,PO4,PO6, PSO1, PSO7, PSO9, PSO10, PSO11, PSO12, PSO15 CO1,CO2,CO3,CO4

FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PO4,PO6, PSO1, PSO7, PSO9, PSO10, PSO11, PSO12, PSO15 CO1,CO2,CO3,CO4
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 		

Result Analysis :

Course Details:MDS321:Advanced Endodontics Theory			
Outcome Analysis			
	Outcome Evaluation (100 marks)	PSO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1,PO4,PO6, PSO1, PSO7, PSO9, PSO10, PSO11, PSO12, PSO15 CO1,CO2,CO3,CO4	80
ST	CAT Concept Map (2 x 15 = 30 marks)	PO1,PO4,PO6, PSO1, PSO7, PSO9, PSO10, PSO11, PSO12, PSO15 CO1,CO2,CO3,CO4	80
ST	Objectives (50 x 1 = 50 marks)	PO1,PO4,PO6, PSO1, PSO7, PSO9, PSO10, PSO11, PSO12, PSO15 CO1,CO2,CO3,CO4	80
FT	Weighted percentile scores of Periodic Tests converted for 100 marks	PO1,PO4,PO6, PSO1, PSO7, PSO9, PSO10, PSO11, PSO12, PSO15 CO1,CO2,CO3,CO4	78
FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PO4,PO6, PSO1, PSO7, PSO9, PSO10, PSO11, PSO12, PSO15 CO1,CO2,CO3,CO4	94
Legend:			
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS320:Basic Endodontics Practicals		
Course Outcome		PSO mapping
CO1	To be able to perform endodontic diagnosis and treatment planning.	PO1,PO4, PO6PO1, PSO1,PSO9
CO2	Chair position and ergonomics in the use of dental operating microscopes.	PO1,PO4,P06PO1,PSO1,PSO9
CO3	To efficiently perform root canal treatment in anterior teeth and lower molars.	PO1,PO4,P06PO1,PSO1,PSO9
Outcome Evaluation (100 marks)		PSO CO Mapping
SP	Practicals (80 marks) (Root canal treatment of mandibular tooth with rotary file systems)	PO1,PO4,PO6PO1,PSO1,PSO9 CO1,CO2,CO3
SV	Viva (20 marks)	PO1,PO4,PO6PO1,PSO1,PSO9 CO1,CO2,CO3
FC	Practical exercise activity score - 100 marks Documentations of best cases (50 marks) DIAS Score (50 marks)	PO1,PO4,PO6PO1,PSO1,PSO9 CO1,CO2,CO3
FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO1,PO4,PO6PO1,PSO1,PSO9 CO1,CO2,CO3
Legend:		
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 		

Result Analysis :

Course Details:MDS320:Basic Endodontics Practicals			
Outcome Analysis			
	Outcome Evaluation (100 marks)	PSO CO Mapping	Outcome Analysis 2021
SP	Practicals (80 marks) (Root canal treatment of mandibular tooth with rotary file systems)	PO1,PO4,PO6PO1,PSO1, PSO9 CO1,CO2,CO3	74
SV	Viva (20 marks)	PO1,PO4,PO6PO1,PSO1, PSO9 CO1,CO2,CO3	82
FC	Practical exercise activity score - 100 marks Documentations of best cases (50 marks) DIAS Score (50 marks)	PO1,PO4,PO6PO1,PSO1, PSO9 CO1,CO2,CO3	77
FR C	Research poster / paper presentation / publication scores, and awards - 50 marks	PO1,PO4,PO6PO1,PSO1, PSO9 CO1,CO2,CO3	85
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS321:Advanced Endodontics Practicals		
Course Outcome		PSO mapping
CO1	Ability to manage teeth that underwent trauma with endodontic procedures.	PO1,PO4,PO6,PSO1, PSO7, PSO9,PSO10,PSO11,PSO12, PSO15
CO2	Ability to identify and manage endodontic mishaps under microscope.	PO1,PO4,PO6,PSO1, PSO7, PSO9,PSO10,PSO11, PSO12, PSO15
CO3	Ability to manage complex cases requiring multidisciplinary management.	PO1,PO4,PO6,PSO1, PSO7, PSO9,PSO10,PSO11, PSO12, PSO15
CO4	Surgical management of large periapical lesions under magnification.	PO1,PO4,PO6,PSO1, PSO7, PSO9,PSO10,PSO11, PSO12, PSO15
Outcome Evaluation (100 marks)		PSO CO Mapping
SP	Practicals (80 marks) (Management of dental trauma case)	PO1,PO4,PO6,PSO1, PSO7,PSO9,PSO10,PSO11,PSO12, PSO15 CO1,CO2,CO3,CO4
SV	Viva (20 marks)	PO1,PO4,PO6,PSO1, PSO7,PSO9,PSO10,PSO11,PSO12, PSO15 CO1,CO2,CO3,CO4
FC	Practical exercise activity score - 100 marks Documentations of best cases (50 marks) DIAS Score (50 marks)	PO1,PO4,PO6,PSO1, PSO7,PSO9,PSO10,PSO11,PSO12, PSO15 CO1,CO2,CO3,CO4
FR C	Research poster / paper presentation / publication scores, and awards - 50 marks	PO1,PO4,PO6,PSO1, PSO7,PSO9,PSO10,PSO11,PSO12, PSO15 CO1,CO2,CO3,CO4

Legend:

- ST SUMMATIVE THEORY,
- SP SUMMATIVE PRACTICAL,
- SV SUMMATIVE VIVA,
- FT FORMATIVE THEORY,
- FP FORMATIVE PRACTICAL,
- FC FORMATIVE CLINICAL
- FRC FORMATIVE RESEARCH - CO-CURRICULAR

Result Analysis :

Course Details:MDS321:Advanced Endodontics Practicals			
Outcome Analysis			
	Outcome Evaluation (500 marks)	PSO CO Mapping	Outcome Analysis 2021
SP	Practicals (80 marks) (Management of dental trauma case)	PO1,PO4,PO6,PSO1,PSO7 ,PSO9,PSO10,PSO11,PSO12, PSO15 CO1,CO2,CO3,CO4	74
SV	Viva (20 marks)	PO1,PO4,PO6,PSO1,PSO7 ,PSO9,PSO10,PSO11,PSO12, PSO15 CO1,CO2,CO3,CO4	83
FC	Practical exercise activity score - 100 marks Documentations of best cases (50 marks) DIAS Score (50 marks)	PO1,PO4,PO6,PSO1,PSO7 ,PSO9,PSO10,PSO11,PSO12, PSO15 CO1,CO2,CO3,CO4	75
FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO1,PO4,PO6,PSO1,PSO7 ,PSO9,PSO10,PSO11,PSO12, PSO15 CO1,CO2,CO3,CO4	72
Legend:			
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS322:Post Endodontics Restoration - Theory		
Course Outcome		PSO mapping
CO1	Understand the biomechanics of endodontically treated teeth and the rationale behind post and core restorations.	PO1,PO5 PSO1,PS O5PSO1 2,PSO15
CO2	To obtain in depth knowledge of post systems and methods to rehabilitate badly destructed teeth.	PO1,PO5P SO1,PSO5 PSO12,PS O15
CO3	To understand and critically analyse the success and survival of different post endodontic restorations and the factors contributing for the same.	PO1,PO5P SO1,PSO5 PSO12,PS O15
Outcome Evaluation (100 marks)		PSO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1,PO5PSO1,PSO5PS O12,PSO15 CO1,CO2,CO3
ST	CAT Concept Map (2 x 15 = 30 marks)	PO1,PO5PSO1,PSO5PS O12,PSO15 CO1,CO2,CO3
ST	Objectives (50 x 1 = 50 marks)	PO1,PO5PSO1,PSO5PS O12,PSO15 CO1,CO2,CO3
FT	Weighted percentile scores of Periodic Tests converted for 100 marks	PO1,PO5PSO1,PSO5PS O12,PSO15 CO1,CO2,CO3
FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PO5PSO1,PSO5PS O12,PSO15 CO1,CO2,CO3
Legend:		
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 		

Result Analysis :

Course Details:MDS322:Post Endodontics Restoration - Theory			
Outcome Analysis			
	Outcome Evaluation (100 marks)	PSO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1,PO5,PSO1,PSO5PSO1 2,PSO15 CO1,CO2,CO3	71
ST	CAT Concept Map (2 x 15 = 30 marks)	PO1,PO5,PSO1,PSO5PSO1 2,PSO15 CO1,CO2,CO3	71
ST	Objectives (50 x 1 = 50 marks)	PO1,PO5,PSO1,PSO5PSO1 2,PSO15 CO1,CO2,CO3	71
FT	Weighted percentile scores of Periodic Tests converted for 100marks	PO1,PO5,PSO1,PSO5PSO1 2,PSO15 CO1,CO2,CO3	65
FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PO5,PSO1,PSO5PSO1 2,PSO15 CO1,CO2,CO3	79
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS323:Post Endodontics Restoration - Practical		
Course Outcome		PSO mapping
CO1	The ability to plan and rationalise the need for post-core and crown for badly broken down teeth.	PO1,PO5,PSO1,PSO5,PSO12,PSO15
CO2	To gain the skill and cognition to perform post-core and crowns in patients with such a requirement, including designing and fabrication of posts and crowns.	PO1,PO5,PSO1,PSO5,PSO12,PSO15
CO3	To gain skill to plan and fabricate endocrowns in appropriate cases.	PO1,PO5,PSO1,PSO5,PSO12,PSO15
Outcome Evaluation (100 marks)		PSO CO Mapping
SP	Practicals (80 marks) (Restoring tooth with fibre reinforced composite, core build up and temporization with crown)	PO1,PO5,PSO1,PSO5,PSO12,PSO15 CO1,CO2,CO3
SV	Viva (20 marks)	PO1,PO5,PSO1,PSO5,PSO12,PSO15 CO1,CO2,CO3
FC	Practical exercise activity score - 100 marks Documentations of best cases (50 marks) DIAS Score (50 marks)	PO1,PO5,PSO1,PSO5,PSO12,PSO15 CO1,CO2,CO3
FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO1,PO5,PSO1,PSO5,PSO12,PSO15 CO1,CO2,CO3
Legend:		
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 		

Result Analysis :

Course Details:MDS323:Post Endodontics Restoration - Practical			
Outcome Analysis			
	Outcome Evaluation (500 marks) Total Score (200 Summative, 300 formative = 500 marks)	PSO CO Mapping	Outcome Analysis 2021
SP	Practicals (80 marks)	PO1,PO5, PSO1,PSO5,PSO12,PSO15 CO1,CO2,CO3	77
SV	Viva (20 marks)	PO1,PO5, PSO1,PSO5,PSO12,PSO15 CO1,CO2,CO3	79
FC	Practical exercise activity score - 100 marks Documentations of best cases (50 marks) DIAS Score (50 marks)	PO1,PO5, PSO1,PSO5,PSO12,PSO15 CO1,CO2,CO3	84
FR C	Research poster / paper presentation / publication scores, and awards - 50 marks	PO1,PO5,PSO1,PSO5,PSO1 2,PSO15 CO1,CO2,CO3	74
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS324:Regenerative Endodontics theory		
Course Outcome		PSO mapping
CO1	Attain thorough knowledge of the recent treatment modality for teeth with open apex.	PO1,PO5,PSO1,PSO6,PSO7,PSO11,PSO15,PSO16
CO2	Gain in depth knowledge about the triad of tissue engineering namely stem cells, scaffolds and growth factors.	PO1,PO5,PSO1,PSO6,PSO7,PSO11,PSO15,PSO16
CO3	Knowledge about the advanced biomaterials used for regenerative endodontics.	PO1,PO5,PSO1,PSO6,PSO7,PSO11,PSO15,PSO16
CO4	To obtain insight about the modern approaches namely Cell-free and Cell-based approach for managing teeth with open apex.	PO1,PO5,PSO1,PSO6,PSO7,PSO11,PSO15,PSO16
Outcome Evaluation (100 marks)		PSO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1,PO5,PSO1,PSO6,PSO7,PSO11,PSO15,PSO16 CO1,CO2,CO3,CO4
ST	CAT Concept Map (2 x 15 = 30 marks)	PO1,PO5,PSO1,PSO6,PSO7,PSO11,PSO15,PSO16 CO1,CO2,CO3,CO4
ST	Objectives (50 x 1 = 50 marks)	PO1,PO5,PSO1,PSO6,PSO7,PSO11,PSO15,PSO16 CO1,CO2,CO3,CO4
FT	Weighted percentile scores of Periodic Tests converted for 100marks	PO1,PO5,PSO1,PSO6,PSO7,PSO11,PSO15,PSO16 CO1,CO2,CO3,CO4
FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PO5,PSO1,PSO6,PSO7,PSO11,PSO15,PSO16 CO1,CO2,CO3,CO4

Legend:

- ST SUMMATIVE THEORY,
- SP SUMMATIVE PRACTICAL,
- SV SUMMATIVE VIVA,
- FT FORMATIVE THEORY,
- FP FORMATIVE PRACTICAL,
- FC FORMATIVE CLINICAL
- FRC FORMATIVE RESEARCH - CO-CURRICULAR

Result Analysis :

Course Details:MDS324:Regenerative Endodontics theory			
Outcome Analysis			
	Outcome Evaluation (100 marks)	PSO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1,PO5,PSO1,PSO6,PSO7, PSO11,PSO15,PSO16	72
ST	CAT Concept Map (2 x 15 = 30 marks)	PO1,PO5,PSO1,PSO6,PSO7, PSO11,PSO15,PSO16	72
ST	Objectives (50 x 1 = 50 marks)	PO1,PO5,PSO1,PSO6,PSO7, PSO11,PSO15,PSO16	72
FT	Weighted percentile scores of Periodic Tests converted for 100marks	PO1,PO5,PSO1,PSO6,PSO7, PSO11,PSO15,PSO16	75
FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PO5,PSO1,PSO6,PSO7, PSO11,PSO15,PSO16	87
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS324:Regenerative Endodontics Practical		
Course Outcome		PSO mapping
CO1	Clinical expertise for the conservative management of teeth with symptomatic irreversible pulpitis (vital pulp therapy).	PO1,PO5,PSO1,PSO6,PSO7,PSO11,PSO15,PSO16
CO2	Ability to critically analyze the teeth with open apex and will be confident to manage them with modern treatment approaches like use of autologous platelet concentrates and other biomaterials.	PO1,PO5,PSO1,PSO6,PSO7,PSO11,PSO15,PSO16
	Outcome Evaluation (100 marks)	PSO CO Mapping
SP	Practicals (80 marks) (Management of deep carious lesion with vital pulp therapy - Regenerative endodontic procedure)	PO1,PO5,PSO1,PSO6,PSO7,PSO11,PSO15,PSO16 CO1,CO2
SV	Viva (20 marks)	PO1,PO5,PSO1,PSO6,PSO7,PSO11,PSO15,PSO16 CO1,CO2
FC	Practical exercise activity score - 100 marks Documentations of best cases (50 marks), DIAS Score (50 marks)	PO1,PO5,PSO1,PSO6,PSO7,PSO11,PSO15,PSO16 CO1,CO2
FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO1,PO5,PSO1,PSO6,PSO7,PSO11,PSO15,PSO16 CO1,CO2
Legend:		
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 		

Result Analysis :

Course Details:MDS324:Regenerative Endodontics Practical			
Outcome Analysis			
	Outcome Evaluation (100 marks)	PSO CO Mapping	Outcome Analysis 2021
SP	Practicals (80 marks) (Management of deep carious lesion with vital pulp therapy - Regenerative endodontic procedure)	PO1,PO5,PSO1,PSO6,PSO7,PSO11,PSO15,PSO16 CO1,CO2	75
SV	Viva (20 marks)	PO1,PO5,PSO1,PSO6,PSO7,PSO11,PSO15,PSO16 CO1,CO2	88
FC	Practical exercise activity score - 100 marks Documentations of best cases (50 marks), DIAS Score (50 marks)	PO1,PO5,PSO1,PSO6,PSO7,PSO11,PSO15,PSO16 CO1,CO2	84
FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO1,PO5,PSO1,PSO6,PSO7,PSO11,PSO15,PSO16 CO1,CO2	80
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS244:Laser and Minimally Invasive Periodontal Surgery		
Course Outcome		PSO mapping
CO1	Should have theoretical knowledge on Laser physics and their biological interactions, different types of lasers and their application in various periodontal and implant procedures	PO1,PO4, PO5PSO 1,PSO13, PSO16
CO2	Should have theoretical knowledge in Microsurgery triad, Magnification systems, microsurgical instruments and microsurgical suturing techniques.	PO1,PO4,P O5PSO1,PS O13,PSO16
CO3	Should be competent in evidence based practices related to periodontal procedures	PO1,PO4,P O5PSO1,PS O13,PSO16
Outcome Evaluation (100 marks)		PSO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1,PO4,PO5PSO1,PS O13,PSO16 CO1,CO2,CO3
ST	CAT Concept Map (2 x 15 = 30 marks)	PO1,PO4,PO5PSO1,PS O13,PSO16 CO1,CO2,CO3
ST	Objectives (50 x 1 = 50 marks)	PO1,PO4,PO5PSO1,PS O13,PSO16 CO1,CO2,CO3
FT	Weighted percentile scores of Periodic Tests converted for 100 marks	PO1,PO4,PO5PSO1,PS O13,PSO16 CO1,CO2,CO3
FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PO4,PO5PSO1,PS O13,PSO16 CO1,CO2,CO3
Legend:		
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 		

Result Analysis :

Course Details:: MDS244:Laser and Minimally Invasive Periodontal Surgery			
Outcome Analysis			
	Outcome Evaluation (100 marks)	PSO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1,PO4,PO5 PSO1,PSO13,PSO16 CO1,CO2,CO3	72
ST	CAT Concept Map (2 x 15 = 30 marks)	PO1,PO4,PO5 PSO1,PSO13,PSO16 CO1,CO2,CO3	72
ST	Objectives (50 x 1 = 50 marks)	PO1,PO4,PO5 PSO1,PSO13,PSO16 CO1,CO2,CO3	72
FT	Weighted percentile scores of Periodic Tests converted for 100marks	PO1,PO4,PO5 PSO1,PSO13,PSO16 CO1,CO2,CO3	64
FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PO4,PO5 PSO1,PSO13,PSO16 CO1,CO2,CO3	83
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS334:Aesthetic and Digital Dentistry Theory		
Course Outcome		PSO mapping
CO1	Gain theoretical knowledge on Aesthetic dentistry including Diagnosis, treatment planning and management of discoloured teeth, Indirect ceramic veneering, direct composite veneers, Bleaching or Tooth whitening, Digital Smile Design, Single crowns and fixed partial dentures.	PO1,PO4, PO5,PSO1, PSO3,PSO8,PSO14, PSO15,PSO16
CO2	Should have knowledge about CBCT and 3D printers, and its use in guided endodontic access and guided endodontic surgery.	PO1,PO4,PO5,PSO1,PSO3,PSO8,PSO14, PSO15,PSO16
CO3	CAD CAM designing and milling of crowns and different types of scanners.	PO1,PO4,PO5,PSO1,PSO3,PSO8,PSO14, PSO15,PSO16
CO4	Knowledge about the use of digital photographs for case documentation and use of smile design software.	PO1,PO4,PO5,PSO1,PSO3,PSO8,PSO14, PSO15,PSO16
Outcome Evaluation (100 marks)		PSO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1,PO4,PO5,PSO1,PSO3,PSO8,PSO14,PSO15, PSO16 CO1,CO2,CO3,CO4
ST	CAT Concept Map (2 x 15 = 30 marks)	PO1,PO4,PO5,PSO1,PSO3,PSO8,PSO14,PSO15, PSO16 CO1,CO2,CO3,CO4
ST	Objectives (50 x 1 = 50 marks)	PO1,PO4,PO5,PSO1,PSO3,PSO8,PSO14,PSO15, PSO16 CO1,CO2,CO3,CO4
FT	Weighted percentile scores of Periodic Tests converted for 100marks	PO1,PO4,PO5,PSO1,PSO3,PSO8,PSO14,PSO15, PSO16 CO1,CO2,CO3,CO4

FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PO4,PO5,PSO1,PSO3,PSO8,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 		

Result Analysis :

Course Details:MDS334:Aesthetic and Digital Dentistry Theory			
Outcome Analysis			
	Outcome Evaluation (100 marks)	PSO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1,PO4,PO5,PSO1,PSO3P SO8,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4	80
ST	CAT Concept Map (2 x 15 = 30 marks)	PO1,PO4,PO5,PSO1,PSO3P SO8,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4	80
ST	Objectives (50 x 1 = 50 marks)	PO1,PO4,PO5,PSO1,PSO3P SO8,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4	80
FT	Weighted percentile scores of Periodic Tests converted for 100marks	PO1,PO4,PO5,PSO1,PSO3P SO8,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4	72
FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PO4,PO5,PSO1,PSO3P SO8,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4	81
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS334:Aesthetic and Digital Dentistry Practical		
Course Outcome		PSO mapping
CO1	Clinical dexterity in veneer preparation, composite layering techniques, impressions, vital and non-vital bleaching procedures, digital smile design, mock preparation and temporisation.	PO1,PO4,PO5,PSO1,PSO3,PSO8,PSO14,PSO15,PSO16
CO2	Should be able to take digital photographs for documentation of various aesthetic clinical procedures.	PO1,PO4,PO5,PSO1,PSO3,PSO8,PSO14,PSO15,PSO16
CO3	Should be able to utilise smile design softwares for better patient education followed by 3D designing and printing	PO1,PO4,PO5,PSO1,PSO3,PSO8,PSO14,PSO15,PSO16
CO4	Digital workflow with hands-on in the fabrication of full veneer crowns including knowledge about digital scanners and milling machines.	PO1,PO4,PO5,PSO1,PSO3,PSO8,PSO14,PSO15,PSO16
CO5	To use 3D printing and CBCT in the fabrication of templates for guided endodontic access and guided endodontic surgery.	PO1,PO4,PO5,PSO1,PSO3,PSO8,PSO14,PSO15,PSO16
CO6	Application of CBCT in endodontic diagnosis including aberrant root canal morphology, iatrogenic errors, vertical fracture and periapical pathologies.	PO1,PO4,PO5,PSO1,PSO3,PSO8,PSO14,PSO15,PSO16
	Outcome Evaluation (100 marks)	PSO CO Mapping
SP	Practicals (80 marks) (Direct composite veneer for management of teeth with discoloration or spacing)	PO1,PO4,PO5,PSO1,PSO3,PSO8,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4,CO5,CO6
SV	Viva (20 marks)	PO1,PO4,PO5,PSO1,PSO3,PSO8,PSO14,PSO15,PSO16

		CO1,CO2,CO3,CO4,C O5,CO6
FC	Practical exercise activity score - 100 marks Documentations of best cases (50 marks) DIAS Score (50 marks)	PO1,PO4,PO5,PSO1,PS O3PSO8,PSO14,PSO15, PSO16 CO1,CO2,CO3,CO4,C O5,CO6
FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO1,PO4,PO5,PSO1,PS O3PSO8,PSO14,PSO15, PSO16 CO1,CO2,CO3,CO4,C O5,CO6
Legend:		
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 		

Result Analysis :

Course Details:MDS334:Aesthetic and Digital Dentistry Practical			
Outcome Analysis			
	Outcome Evaluation (100 marks)	PSO CO Mapping	Outcome Analysis 2021
SP	Practicals (80 marks) (Direct composite veneer for management of teeth with discoloration or spacing)	PO1,PO4,PO5,PSO1,PSO3P SO8,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4,CO5,CO 6	57
SV	Viva (20 marks)	PO1,PO4,PO5,PSO1,PSO3P SO8,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4,CO5,CO 6	17
FC	Practical exercise activity score - 100 marks Documentations of best cases (50 marks) DIAS Score (50 marks)	PO1,PO4,PO5,PSO1,PSO3P SO8,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4,CO5,CO 6	71
FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO1,PO4,PO5,PSO1,PSO3P SO8,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4,CO5,CO 6	82
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS339: Aesthetics Credit Course		
Course Outcome		PSO mapping
CO1	Gain theoretical knowledge on Aesthetic dentistry including Diagnosis, treatment planning and management of discoloured teeth, Indirect ceramic veneering, direct composite veneers, Bleaching or Tooth whitening, Digital Smile Design, Single crowns and fixed partial dentures.	PO1,PO4,PSO1,PSO3,PSO4,PSO8,PSO15
CO2	Clinical dexterity in veneer preparation, composite layering techniques, impressions, vital and non-vital bleaching procedures, digital smile design, mock preparation and temporisation.	PO1,PO4,PSO1,PSO3,PSO4,PSO8,PSO15
CO3	Should be able to take digital photographs for documentation of various aesthetic clinical procedures.	PO1,PO4,PSO1,PSO3,PSO4,PSO8,PSO15
CO4	Should be able to utilise smile design softwares for better patient education followed by 3D designing and printing	PO1,PO4,PSO1,PSO3,PSO4,PSO8,PSO15
	Outcome Evaluation (100 marks)	PSO CO Mapping
SP	Practicals (80 marks) (Direct composite veneer for management of teeth with discoloration or spacing)	PO1,PO4,PSO1,PSO3,PSO4,PSO8,PSO15 CO1,CO2,CO3,CO4
SV	Viva (20 marks)	PO1,PO4,PSO1,PSO3,PSO4,PSO8,PSO15 CO1,CO2,CO3,CO4
FC	Practical exercise activity score - 100 marks Documentations of best cases (50 marks) DIAS Score (50 marks)	PO1,PO4,PSO1,PSO3,PSO4,PSO8,PSO15 CO1,CO2,CO3,CO4
FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO1,PO4,PSO1,PSO3,PSO4,PSO8,PSO15 CO1,CO2,CO3,CO4
Legend:		
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 		

Result Analysis :

Course Details:MDS339: Aesthetics Credit Course			
Outcome Analysis			
	Outcome Evaluation (500 marks)	PSO CO Mapping	Outcome Analysis 2021
SP	Practicals (80 marks) (Direct composite veneer for management of teeth with discoloration or spacing)	PO1,PO4,PSO1,PSO3,PSO4,PSO8,PSO15 CO1,CO2,CO3,CO4	87
SV	Viva (20 marks)	PO1,PO4,PSO1,PSO3,PSO4,PSO8,PSO15 CO1,CO2,CO3,CO4	78
FC	Practical exercise activity score - 100 marks Documentations of best cases (50 marks) DIAS Score (50 marks)	PO1,PO4,PSO1,PSO3,PSO4,PSO8,PSO15 CO1,CO2,CO3,CO4	84
FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO1,PO4,PSO1,PSO3,PSO4,PSO8,PSO15 CO1,CO2,CO3,CO4	70
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS340: Micro Endodontics Credit Course		
Course Outcome		PSO mapping
CO1	Should be able to know the basic knowledge of the anatomy of the pulp and it's complexity.	PO1,PO4,PO5 PSO1,PSO3,PSO9,PSO14
CO2	Should be able to know the basic knowledge of periradicular tissues surrounding the pulp and how to differentiate between pulpal diseases and periradicular diseases.	PO1,PO4,PO5 PSO1,PSO3,PSO9,PSO14
CO3	Understand how the diagnosis plays major role in successful treatment planning, various tests performed to arrive at a proper diagnosis, when to perform which test and the art of treatment planning	PO1,PO4,PO5 PSO1,PSO3,PSO9,PSO14
CO4	Ability to administer local anaesthesia for different teeth along with the adjunct methods for successful Anaesthesia of the teeth to be operated.	PO1,PO4,PO5 PSO1,PSO3,PSO9,PSO14
CO5	To perform a successful root canal treatment starting from the access opening, cleaning and shaping, root canal irrigation, obturation and post Endodontic restoration.	PO1,PO4,PO5 PSO1,PSO3,PSO9,PSO14
CO6	Management of teeth with additional roots and root canals. Methods to detect additional roots and root canals	PO1,PO4,PO5 PSO1,PSO3,PSO9,PSO14
	Outcome Evaluation (100 marks)	PSO CO Mapping
SP	Practicals (80 marks) (Endodontic treatment of lower molar under magnification)	PO1,PO4,PO5 PSO1,PSO3,PSO9,PSO14 CO1,CO2,CO3,CO4,CO5,CO6
SV	Viva (20 marks)	PO1,PO4,PO5 PSO1,PSO3,PSO9,PSO14 CO1,CO2,CO3,CO4,CO5,CO6
FC	Practical exercise activity score - 100 marks Documentations of best cases (50 marks) DIAS Score (50 marks)	PO1,PO4,PO5 PSO1,PSO3,PSO9,PSO14 CO1,CO2,CO3,CO4,CO5,CO6

FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO1,PO4,PO5 PSO1,PSO3,PSO9,PSO14 CO1,CO2,CO3,CO4,CO5,CO6
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 		

Result Analysis :

Course Details:MDS340: Micro Endodontics Credit Course			
Outcome Analysis			
	Outcome Evaluation (100 marks)	PSO CO Mapping	Outcome Analysis 2021
SP	Practicals (80 marks) (Endodontic treatment of lower molar under magnification)	PO1,PO4,PO5PSO1,PSO3,PSO9,PSO14 CO1,CO2,CO3,CO4,CO5,CO6	75
SV	Viva (20 marks)	PO1,PO4,PO5PSO1,PSO3,PSO9,PSO14 CO1,CO2,CO3,CO4,CO5,CO6	18
FC	Practical exercise activity score - 100 marks Documentations of best cases (50 marks) DIAS Score (50 marks)	PO1,PO4,PO5PSO1,PSO3,PSO9,PSO14 CO1,CO2,CO3,CO4,CO5,CO6	94
FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO1,PO4,PO5PSO1,PSO3,PSO9,PSO14 CO1,CO2,CO3,CO4,CO5,CO6	44
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS341: Rotary Endodontics Credit Course		
Course Outcome		PSO mapping
CO1	Learning the methods of diagnosis and treatment planning for endodontic procedures	PO1,PO4,PO5,PSO1,PSO3,PSO9
CO2	Understanding the concepts of rotary endodontics, from access cavity preparation, working length determination, cleaning and shaping and obturation	PO1,PO4,PO5,PSO1,PSO3,PSO9
CO3	Hands-on experience in performing root canal treatment using rotary file systems.	PO1,PO4,PO5,PSO1,PSO3,PSO9
Outcome Evaluation (100 marks)		PSO CO Mapping
SP	Practicals (80 marks) (Root canal treatment in mandibular molar with rotary file system)	PO1,PO4,PO5,PSO1,PSO3,PSO9 CO1,CO2,CO3
SV	Viva (20 marks)	PO1,PO4,PO5,PSO1,PSO3,PSO9 CO1,CO2,CO3
FC	Practical exercise activity score - 100 marks Documentations of best cases (50 marks) DIAS Score (50 marks)	PO1,PO4,PO5,PSO1,PSO3,PSO9 CO1,CO2,CO3
FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO1,PO4,PO5,PSO1,PSO3,PSO9 CO1,CO2,CO3
Legend:		
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 		

Result Analysis :

Course Details:MDS341: Rotary Endodontics Credit Course			
Outcome Analysis			
	Outcome Evaluation (500 marks)	PSO CO Mapping	Outcome Analysis 2021
SP	Practicals (80 marks) (Root canal treatment in mandibular molar with rotary file system)	PO1,PO4,PO5,PSO1,PSO3,PSO9 CO1,CO2,CO3	82
SV	Viva (20 marks)	PO1,PO4,PO5,PSO1,PSO3,PSO9 CO1,CO2,CO3	78
FC	Practical exercise activity score - 100 marks Documentations of best cases (50 marks) DIAS Score (50 marks)	PO1,PO4,PO5,PSO1,PSO3,PSO9 CO1,CO2,CO3	89
FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO1,PO4,PO5,PSO1,PSO3,PSO9 CO1,CO2,CO3	82
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS342: Post Endo Credit Course		
Course Outcome		PSO mapping
CO1	To gain theoretical knowledge on treatment planning and materials used for restoring endodontically treated teeth.	PO1,PO4,PO5,PSO1,PSO5,PSO12,PSO14,PSO15
CO2	To develop expertise in diagnosing and formulating treatment plan for endodontically treated teeth.	PO1,PO4,PO5,PSO1,PSO5,PSO12,PSO14,PSO15
CO3	Acquire practical step by step skills of restoring badly broken teeth with preformed post and core systems	PO1,PO4,PO5,PSO1,PSO5,PSO12,PSO14,PSO15
CO4	Gain clinical skills in preparation of post and core build ups, ensuring optimal anchorage while maintaining adequate root strength.	PO1,PO4,PO5,PSO1,PSO5,PSO12,PSO14,PSO15
CO5	To be able to communicate with the patients effectively and educate them about treatment needs	PO1,PO4,PO5,PSO1,PSO5,PSO12,PSO14,PSO15
	Outcome Evaluation (100 marks)	PSO CO Mapping
SP	Practicals (80 marks) (FRC Post preparation and cementation in maxillary anterior tooth)	PO1,PO4,PO5,PSO1,PSO5,PSO12,PSO14,PSO15 CO1,CO2,CO3,CO4,CO5
SV	Viva (20 marks)	PO1,PO4,PO5,PSO1,PSO5,PSO12,PSO14,PSO15 CO1,CO2,CO3,CO4,CO5
FC	Practical exercise activity score - 100 marks Documentations of best cases (50 marks)	PO1,PO4,PO5,PSO1,PSO5,PSO12,PSO14,PSO15

	DIAS Score (50 marks)	CO1,CO2,CO3,CO4,C O5
FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO1,PO4,PO5,PSO1, PSO5,PSO12,PSO14, PSO15 CO1,CO2,CO3,CO4,C O5
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 		

Result Analysis :

Course Details:MDS342: Post Endo Credit Course			
Outcome Analysis			
	Outcome Evaluation (100 marks)	PSO CO Mapping	Outcome Analysis 2021
SP	Practicals (80 marks) (FRC Post preparation and cementation in maxillary anterior tooth)	PO1,PO4,PO5,PSO1,PSO5,PSO12,PSO14,PSO15 CO1,CO2,CO3,CO4,CO5	87
SV	Viva (20 marks)	PO1,PO4,PO5,PSO1,PSO5,PSO12,PSO14,PSO15 CO1,CO2,CO3,CO4,CO5	77
FC	Practical exercise activity score - 100 marks Documentations of best cases (50 marks) DIAS Score (50 marks)	PO1,PO4,PO5,PSO1,PSO5,PSO12,PSO14,PSO15 CO1,CO2,CO3,CO4,CO5	86
FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO1,PO4,PO5,PSO1,PSO5,PSO12,PSO14,PSO15 CO1,CO2,CO3,CO4,CO5	84
Legend:			
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS345: Cariology - Resin Infiltration Credit Course		
Course Outcome		PSO mapping
CO1	To develop understanding on dental caries and caries risk, caries risk assessment.	PO1,PO4,PO5, PSO1,PSO2
CO2	Ability to diagnose and measure lesion severity and activity measurement.	PO1,PO4,PO5, PSO1,PSO2
CO3	Clinical decision making and planning for micro invasive procedures. Ability to identify a problem and apply the concepts for a successful case selection	PO1,PO4,PO5, PSO1,PSO2
CO4	Ability to manipulate and handle the Resin infiltration material for chair side procedure.	PO1,PO4,PO5, PSO1,PSO2
CO5	To be competent in evidence based practices related to Resin infiltration concepts and application	PO1,PO4,PO5, PSO1,PSO2
Outcome Evaluation (100 marks)		PSO CO Mapping
SP	Practicals (80 marks) (Resin infiltration for white spot lesion in maxillary anterior tooth)	PO1,PO4,PO5, PSO1,PSO2,CO1,CO 2,CO3,CO4,CO5
SV	Viva (20 marks)	PO1,PO4,PO5, PSO1,PSO2,CO1,CO 2,CO3,CO4,CO5
FC	Practical exercise activity score - 100 marks Documentations of best cases (50 marks) DIAS Score (50 marks)	PO1,PO4,PO5, PSO1,PSO2,CO1,CO 2,CO3,CO4,CO5
FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO1,PO4,PO5, PSO1,PSO2,CO1,CO 2,CO3,CO4,CO5
Legend:		
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 		

Result Analysis :

Course Details:MDS345: Cariology - Resin Infiltration Credit Course			
Outcome Analysis			
	Outcome Evaluation (100 marks)	PSO CO Mapping	Outcome Analysis 2021
SP	Practicals (80 marks) (Resin infiltration on white spot lesion)	PO1,PO4,PO5, PSO1,PSO2,CO1,CO2,CO3, CO4,CO5	78
SV	Viva (20 marks)	PO1,PO4,PO5, PSO1,PSO2,CO1,CO2,CO3, CO4,CO5	77
FC	Practical exercise activity score - 100 marks Documentations of best cases (50 marks) DIAS Score (50 marks)	PO1,PO4,PO5, PSO1,PSO2,CO1,CO2,CO3, CO4,CO5	83
FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO1,PO4,PO5, PSO1,PSO2,CO1,CO2,CO3, CO4,CO5	82
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS336 - Model Exam - Paper 1 - Conservative and Aesthetic Dentistry

Course Outcome		PSO mapping
CO1	Should have theoretical knowledge of Caries prevention, non-invasive and micro and minimally invasive management of initial caries	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO8,PSO14,PSO15,PSO16
CO2	Should have knowledge of Conservative management of carious tooth with direct and indirect restorations	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO8,PSO14,PSO15,PSO16
CO3	Able to write about Aesthetic management of discoloration and spacing	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO8,PSO14,PSO15,PSO16
CO4	Able to write about management of badly broken tooth with complex restorations	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO8,PSO14,PSO15,PSO16
CO5	Should have knowledge about management of deep carious lesions	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO8,PSO14,PSO15,PSO16
	Outcome Evaluation (100 marks)	PSO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO8,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4,CO5
ST	CAT Concept Map (2 x 15 = 30 marks)	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO8,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4,CO5
ST	Objectives (50 x 1 = 50 marks)	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO8,PSO14,PSO15,PSO16

		CO1,CO2,CO3,CO4,CO5
FT	Weighted percentile scores of Periodic Tests converted for 100marks	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO8,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4,CO5
FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO8,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4,CO5
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 		

Result Analysis :

Course Details:MDS336 - Model exam - Paper 1			
Outcome Analysis			
	Outcome Evaluation (100 marks)	PSO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO8,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4,CO5	84
ST	EBD Concept Map (1 x 5 = 5 marks)	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO8,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4,CO5	84
ST	Objectives (50 x 1 = 50 marks)	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO8,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4,CO5	84
FT	Weighted percentile scores of Periodic Tests converted for 100marks	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO8,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4,CO5	86
FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO8,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4,CO5	81
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS337 - Model exam - Paper 2 - Endodontics		
Course Outcome		PSO mapping
CO1	Should have theoretical knowledge about the endodontic treatment including diagnosis, treatment planning and prognosis.	PO1,PSO1,PSO3,PSO6,PSO7,PSO9,PSO10,PSO11,PSO12,PSO14,PSO15,PSO16
CO2	Should have knowledge about the complex root canal anatomy, access cavity preparation, cleaning and shaping including irrigation and intracanal medicament, and three dimensional obturation of prepared root canal space. Restoration of endodontically treated teeth	PO1,PSO1,PSO3,PSO6,PSO7,PSO9,PSO10,PSO11,PSO12,PSO14,PSO15,PSO16
CO3	Should know about the advanced endodontic management of dental traumatic injuries, endodontic mishaps, surgical procedures and interdisciplinary approach for complex cases	PO1,PSO1,PSO3,PSO6,PSO7,PSO9,PSO10,PSO11,PSO12,PSO14,PSO15,PSO16
CO4	Should have knowledge about the regenerative endodontic procedures in managing non-vital teeth with open apex with use of biomaterials and recent approaches	PO1,PSO1,PSO3,PSO6,PSO7,PSO9,PSO10,PSO11,PSO12,PSO14,PSO15,PSO16
	Outcome Evaluation (100 marks)	PSO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1,PSO1,PSO3,PSO6,PSO7,PSO9,PSO10,PSO11,PSO12,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4
ST	EBD Concept Map (1 x 5 = 5 marks)	PO1,PSO1,PSO3,PSO6,PSO7,PSO9,PSO10,PSO11,PSO12,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4
ST	Objectives (50 x 1 = 50 marks)	PO1,PSO1,PSO3,PSO6,PSO7,PSO9,PSO10,PSO11,PSO12,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4
FT	Weighted percentile scores of Periodic Tests converted for 100marks	PO1,PSO1,PSO3,PSO6,PSO7,PSO9,PSO10,PSO11,PSO12,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4

FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PSO1,PSO3,PSO6,PSO7,PSO9,PSO10,PSO11,PSO12,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 		

Result Analysis :

Course Details: MDS337 - Model exam - Paper 2 - Endodontics			
Outcome Analysis			
	Outcome Evaluation (100 marks)	PSO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1,PSO1,PSO3,PSO6,PSO7,PSO9,PSO10,PSO11,PSO12,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4	86
ST	EBD Concept Map (1 x 5 = 5 marks)	PO1,PSO1,PSO3,PSO6,PSO7,PSO9,PSO10,PSO11,PSO12,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4	86
ST	Objectives (50 x 1 = 50 marks)	PO1,PSO1,PSO3,PSO6,PSO7,PSO9,PSO10,PSO11,PSO12,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4	86
FT	Weighted percentile scores of Periodic Tests converted for 100marks	PO1,PSO1,PSO3,PSO6,PSO7,PSO9,PSO10,PSO11,PSO12,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4	85
FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PSO1,PSO3,PSO6,PSO7,PSO9,PSO10,PSO11,PSO12,PSO14,PSO15,PSO16 CO1,CO2,CO3,CO4	82
Legend:			
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS338 - Model Exam - Paper 3 - Descriptive and Analysing type questions		
Course Outcome		PSO mapping
CO1	Should be able to critically analyse the given topic and give the best available evidence for the conservative management of teeth	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO16
CO2	Should be able to critically analyse the given topic and give the best available evidence for the endodontic management of teeth	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO16
CO3	Should be able to critically analyse the given topic and give the best available evidence for the aesthetic management of teeth	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO16
	Outcome Evaluation (100 marks)	PSO CO Mapping
ST	Concept Map (4 x 5 = 20 marks) (20X11=220 marks)	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,,PSO7PSO8,PSO9,PSO10,PSO11,PSO12,PSO13,PSO14,PSO15,PSO16 CO1,CO2,CO3
ST	CAT (2 x 15 = 30 marks) (30X11=330 marks)	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,,PSO7PSO8,PSO9,PSO10,PSO11,PSO12,PSO13,PSO14,PSO15,PSO16 CO1,CO2,CO3
ST	Objectives (50 x 1 = 50 marks) (50X11=550 Marks)	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,,PSO7PSO8,PSO9,PSO10,PSO11,PSO12,PSO13,PSO14,PSO15,PSO16 CO1,CO2,CO3
FT	Weighted percentile scores of Periodic Tests converted for 100 marks	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,,PSO7PSO8,PSO9,PSO10,PSO11,PSO12,PSO13,PSO14,PSO15,PSO16 CO1,CO2,CO3
Legend:		
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 		

Course Details: MDS023 Paper 1 Conservative Dentistry and Aesthetic Dentistry		
Course Outcome		PSO mapping
CO1	Should be able to critically analyse the given topic and give the best available evidence for the conservative management of teeth	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO16
CO2	Should be able to critically analyse the given topic and give the best available evidence for the aesthetic management of teeth	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO16
	Outcome Evaluation (100 marks)	PSO CO Mapping
ST	Concept Map (4 x 5 = 20 marks) (20X11=220 marks)	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO16 CO1,CO2
ST	CAT (2 x 15 = 30 marks) (30X11=330 marks)	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO16 CO1,CO2
ST	Objectives (50 x 1 = 50 marks) (50X11=550 Marks)	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO16 CO1,CO2
FT	Weighted percentile scores of Periodic Tests converted for 100 marks	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO16 CO1,CO2
FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO16 CO1,CO2
Legend:		
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 		

Result Analysis :

Course Details:MDS023 Paper 1 Conservative Dentistry and Aesthetic Dentistry			
Outcome Analysis			
	Outcome Evaluation (100 marks)	PSO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO16 CO1,CO2	86
SV	CAT Concept Map (2 x1 5 = 30 marks)	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO16 CO1,CO2	86
ST	Objectives (50 x 1 = 50 marks)	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO16 CO1,CO2	86
FT	Weighted percentile scores of Periodic Tests converted for 100 marks	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO16 CO1,CO2	79
FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO16 CO1,CO2	84
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS033 Paper 2 Endodontics		
Course Outcome		PSO mapping
CO1	Should be able to critically analyse the given topic and give the best available evidence for the endodontic management of teeth	PO1,PSO1,PSO6, PSO7,PSO9,PSO10,PSO11,PSO12,PSO14,PSO15,PSO16
	Outcome Evaluation (100 marks)	PSO CO Mapping
ST	Concept Map (4 x 5 = 20 marks) (20X11=220 marks)	PO1,PSO1,PSO6,PSO7,PSO9, PSO10,PSO11,PSO12,PSO14, PSO15,PSO16 CO1
ST	CAT (2 x 15 = 30 marks) (30X11=330 marks)	PO1,PSO1,PSO6,PSO7,PSO9, PSO10,PSO11,PSO12,PSO14, PSO15,PSO16 CO1
ST	Objectives (50 x 1 = 50 marks) (50X11=550 Marks)	PO1,PSO1,PSO6,PSO7,PSO9, PSO10,PSO11,PSO12,PSO14, PSO15,PSO16 CO1
FT	Weighted percentile scores of Periodic Tests converted for 100 marks	PO1,PSO1,PSO6,PSO7,PSO9, PSO10,PSO11,PSO12,PSO14, PSO15,PSO16 CO1
FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PSO1,PSO6,PSO7,PSO9, PSO10,PSO11,PSO12,PSO14, PSO15,PSO16 CO1
Legend:		
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 		

Result Analysis :

Course Details:MDS033 Paper 2 Endodontics			
Outcome Analysis			
	Outcome Evaluation (100 marks)	PSO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1,PSO1,PSO6,PSO7,PSO9,PSO10,PSO11,PSO12,PSO14,PSO15,PSO16 CO1	84
SV	CAT Concept Map (2 x1 5 = 30 marks)	PO1,PSO1,PSO6,PSO7,PSO9,PSO10,PSO11,PSO12,PSO14,PSO15,PSO16 CO1	84
ST	Objectives (50 x 1 = 50 marks)	PO1,PSO1,PSO6,PSO7,PSO9,PSO10,PSO11,PSO12,PSO14,PSO15,PSO16 CO1	84
FT	Weighted percentile scores of Periodic Tests converted for 100 marks	PO1,PSO1,PSO6,PSO7,PSO9,PSO10,PSO11,PSO12,PSO14,PSO15,PSO16 CO1	79
FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PSO1,PSO6,PSO7,PSO9,PSO10,PSO11,PSO12,PSO14,PSO15,PSO16 CO1	74
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS043 - Descriptive and Analysing type questions		
Course Outcome		PSO mapping
CO1	Should be able to critically analyse the given topic and give the best available evidence for the conservative management of teeth	PO1,PO4,PO5, PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO16
CO2	Should be able to critically analyse the given topic and give the best available evidence for the endodontic management of teeth	PO1,PO4,PO5,PSO1,PSO6,PSO7,PSO9,PSO10,PSO11,PSO12,PSO14,PSO15,PSO16
CO3	Should be able to critically analyse the given topic and give the best available evidence for the aesthetic management of teeth	PO1,PO4,PO5,PSO1,PSO6,PSO7,PSO9,PSO10,PSO11,PSO12,PSO14,PSO15,PSO16
Outcome Evaluation (100 marks)		PSO CO Mapping
ST	Concept Map (4 x 5 = 20 marks) (20X11=220 marks)	PO1,PO4,PO5,PSO4,PSO5,PSO6,, PSO7PSO8,PSO9,PSO10,PSO11,PSO12,PSO13,PSO14,PSO15,PSO16 CO1,CO2,CO3
ST	CAT (2 x 15 = 30 marks) (30X11=330 marks)	PO1,PO4,PO5,PSO4,PSO5,PSO6,, PSO7PSO8,PSO9,PSO10,PSO11,PSO12,PSO13,PSO14,PSO15,PSO16 CO1,CO2,CO3
ST	Objectives (50 x 1 = 50 marks) (50X11=550 Marks)	PO1,PO4,PO5,PSO4,PSO5,PSO6,, PSO7PSO8,PSO9,PSO10,PSO11,PSO12,PSO13,PSO14,PSO15,PSO16 CO1,CO2,CO3
FT	Weighted percentile scores of Periodic Tests converted for 100 marks	PO1,PO4,PO5,PSO4,PSO5,PSO6,, PSO7PSO8,PSO9,PSO10,PSO11,PSO12,PSO13,PSO14,PSO15,PSO16 CO1,CO2,CO3
FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PO4,PO5,PSO4,PSO5,PSO6,, PSO7PSO8,PSO9,PSO10,PSO11,PSO12,PSO13,PSO14,PSO15,PSO16 CO1,CO2,CO3
Legend:		
• ST SUMMATIVE THEORY,		

- SP SUMMATIVE PRACTICAL,
- SV SUMMATIVE VIVA,
- FT FORMATIVE THEORY,
- FP FORMATIVE PRACTICAL,
- FC FORMATIVE CLINICAL
- FRC FORMATIVE RESEARCH - CO-CURRICULAR



Result Analysis :

Course Details:MDS043 - Descriptive and Analysing type questions			
Outcome Analysis			
	Outcome Evaluation (100 marks)	PSO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1,PO4,PO5,PSO4,PSO5,PSO6,,PSO7PSO8,PSO9,PSO10,PSO11,PSO12,PSO13,PSO14,PSO15,PSO16 CO1,CO2,CO3	75
SV	CAT Concept Map (2 x 1 5 = 30 marks)	PO1,PO4,PO5,PSO4,PSO5,PSO6,,PSO7PSO8,PSO9,PSO10,PSO11,PSO12,PSO13,PSO14,PSO15,PSO16 CO1,CO2,CO3	75
ST	Objectives (50 x 1 = 50 marks)	PO1,PO4,PO5,PSO4,PSO5,PSO6,,PSO7PSO8,PSO9,PSO10,PSO11,PSO12,PSO13,PSO14,PSO15,PSO16 CO1,CO2,CO3	75
FT	Weighted percentile scores of Periodic Tests converted for 100 marks	PO1,PO4,PO5,PSO4,PSO5,PSO6,,PSO7PSO8,PSO9,PSO10,PSO11,PSO12,PSO13,PSO14,PSO15,PSO16 CO1,CO2,CO3	72
FT	Mean ARMS daily participation score converted for 100 marks.	PO1,PO4,PO5,PSO4,PSO5,PSO6,,PSO7PSO8,PSO9,PSO10,PSO11,PSO12,PSO13,PSO14,PSO15,PSO16 CO1,CO2,CO3	85
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS053 Practicals		
Course Outcome		PSO mapping
CO1	Should be able to critically analyse the given topic and give the best available evidence for the conservative management of teeth	PO1,PO2,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO16
CO2	Should be able to critically analyse the given topic and give the best available evidence for the endodontic management of teeth	PO1,PO2,PSO1PSO1,PSO6,PSO7,PSO9,PSO10,PSO11,PSO12,PSO14,PSO15,PSO16
CO3	Should be able to critically analyse the given topic and give the best available evidence for the aesthetic management of teeth	PO1,PO2,PSO1PSO1,PSO2,PSO3,PSO8,PSO14,PSO16
Outcome Evaluation (100 marks)		PSO CO Mapping
SP	Practicals (80 marks) (Maxillary Molar RCT, Esthetic management of fractured tooth, All ceramic crown)	PO1,PO2,PSO1PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,,PSO7PSO8,PSO9,PSO10,PSO11,PSO12,PSO13,PSO14,PSO15,PSO16 CO1,CO2,CO3
SV	Viva (20 marks)	PO1,PO2,PSO1PO1,PO2,PSO1PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,,PSO7PSO8,PSO9,PSO10,PSO11,PSO12,PSO13,PSO14,PSO15,PSO16 CO1,CO2,CO3
FC	Practical exercise activity score - 100 marks Documentations of best cases (50 marks) DIAS Score (50 marks)	PO1,PO2,PSO1PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,,PSO7PSO8,PSO9,PSO10,PSO11,PSO12,PSO13,PSO14,PSO15,PSO16 CO1,CO2,CO3
FR C	Research poster / paper presentation / publication scores, and awards - 50 marks	PO1,PO2,PSO1PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,,PSO7PSO8,PSO9,PSO10,PSO11,PSO12,PSO13,PSO14,PSO15,PSO16 CO1,CO2,CO3
Legend:		
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, 		

- FP FORMATIVE PRACTICAL,
- FC FORMATIVE CLINICAL
- FRC FORMATIVE RESEARCH - CO-CURRICULAR

Result Analysis :

Course Details:MDS053 Practicals			
Outcome Analysis			
	Outcome Evaluation (100 marks)	PSO CO Mapping	Outcome Analysis 2021
SP	Practicals (100 marks) (Maxillary Molar RCT , Esthetic management of fractured tooth, All ceramic crown)	PO1,PO2,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6, ,PSO7,PSO8,PSO9,PSO10, PSO11,PSO12,PSO13,PSO14,PSO15,PSO16 CO1,CO2,CO3	78
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS063 VIVA		
Course Outcome		PSO mapping
CO1	Should be able to critically analyse the given topic and give the best available evidence for the conservative management of teeth	PO1,PO2,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,PSO16
CO2	Should be able to critically analyse the given topic and give the best available evidence for the endodontic management of teeth	PO1,PO2,PSO1,PSO6,PSO7,PSO9,PSO10,PSO11,PSO12,PSO14,PSO15,PSO16
CO3	Should be able to critically analyse the given topic and give the best available evidence for the aesthetic management of teeth	PO1,PO2,PSO1,PSO2,PSO3,PSO8,PSO14,PSO16
Outcome Evaluation (100 marks)		PSO CO Mapping

SV	Viva (100 marks)	PO1,PO2,PSO1,PSO2,PSO3,PSO4, PSO5,PSO6,,PSO7PSO8,PSO9,PSO 10,PSO11,PSO12,PSO13,PSO14,PS O15,PSO16 CO1,CO2,CO3
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 		

Result Analysis :

Course Details:MDS063 VIVA			
Outcome Analysis			
	Outcome Evaluation (100 marks)	PSO CO Mapping	Outcome Analysis 2021
SV	Viva (100 marks)	PO1,PO2,PSO1,PSO2,PSO3,PSO4,PSO5,PSO6,,PSO7PSO8,PSO9,PSO10,PSO11,PSO12,PSO13,PSO14,PSO15,PSO16 CO1,CO2,CO3	82
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FT FORMATIVE THEORY, • FP FORMATIVE PRACTICAL, • FC FORMATIVE CLINICAL • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS: Conservative Dentistry & Endodontics – LIBRARY DISSERTATION		
Course Outcome		PSO mapping
CO1	Should have the ability to carry out a systematic review of all the current research material available on a given topic	PO1,PO3,PO6,PSO16
CO2	Carry out literature search	PO1,PO3,PO6,PSO16
CO3	Ability to present the findings of the research in a scientific manner and critically analyse the results	PO1,PO3,PO6,PSO16

CO4	Should be able to perform appropriate statistics and arrive at a conclusion which can be translated to the population	PO1,PO3,PO6,PSO16
Outcome Evaluation (100 marks)		PO1,PO3,PO6 ,PSO16 CO1-CO4

Course Details: MDS: Conservative Dentistry & Endodontics – DISSERTATION		
Course Outcome		PSO mapping
CO1	Ability to identify a research problem, propose and compare an outcome as a solution and carry out the study in the study population	PO1,PO3,PO6, PSO16
CO2	Formulate the study methodology and design, sample size calculation based on formula and apply the appropriate statistical analysis	PO1,PO3,PO6, PSO16
CO3	Carry out and complete the research study and present the results after completing the statistical analysis using SPSS softwares	PO1,PO3,PO6, PSO16
CO4	Present the result along with discussion and interpretation of the results in a scientific manner. Finally conclude the research by answering the research question.	PO1,PO3,PO6, PSO16
Outcome Evaluation (100 marks)		PO1,PO3,PO6, PSO16 CO1-CO4

Course Details: MDS: Conservative Dentistry & Endodontics – CO-CURRICULAR CONTRIBUTIONS		
Course Outcome		PSO mapping
CO1	Presentation of scientific paper and poster presentations in National and International Conferences	PO1,PO3,PO6,PSO16
CO2	Scientific publications of systematic reviews, Meta analysis, Original research, case reports	PO1,PO3,PO6,PSO16
CO3	Attending and participating in CDE workshops and programs, scientific webinars	PO1,PO3,PO6,PSO16
CO4	Attending, participating and presenting in Inter and Intra-collegiate scientific competitions.	PO1,PO3,PO6,PSO16
	Outcome Evaluation (100 marks)	PO1,PO3,PO6,PSO16 CO1-CO4

Course Details: MDS: Conservative Dentistry & Endodontics – INTERNAL ASSESSMENT	
Course Outcome	PSO mapping

CO1	Periodic theoretical assessment of the topics on conservative, aesthetic dentistry and endodontics.	PO1,PO3,PO4,PSO1-PSO16
CO2	Completion of clinical quota, special cases of advanced conservative, aesthetic and endodontic procedures	PO1,PO4,PO5,PO6,PSO6,PSO7,PSO8,PSO9,PSO10,PSO11,PSO12,PSO13,PSO14,PSO15
CO3	Scientific paper and poster presentation in National, International Conferences, Inter and Intra-collegiate Competitions	PO1,PO4,PO5,PO6,PSO16
CO4	Attending CDE Programs, webinars and workshops	PO1,PO4,PO6,PSO16
CO5	Periodic assessment of seminar and Journal Club presentations	PO1,PO4,PO6,PSO1-PSO16
CO6	Mastery of clinical skills, efficiency, patient communication and interpersonal skills, sincerity and overall discipline and conduct	PO1,PO4,PO6,PSO4,PSO5,PSO6,PSO7,PSO8,PSO9,PSO10,PSO11,PSO12,PSO13,PSO14,PSO15
	Outcome Evaluation (100 marks)	PO1,PO4,PO6,PSO1, PSO16 CO1-CO6