

Vision:

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

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 in relevance to pediatric dentistry.

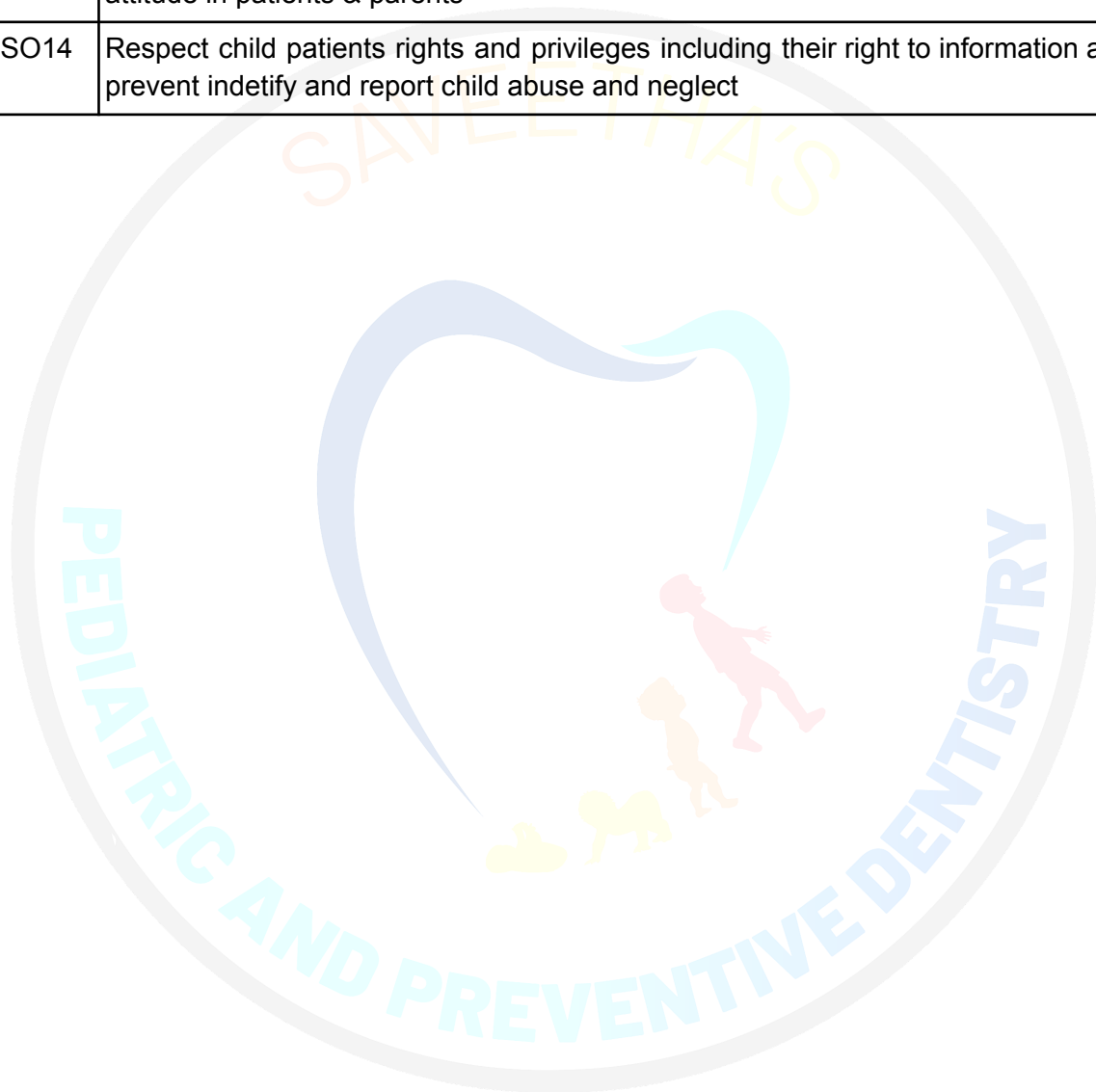
Saveetha Dental College & Hospitals

Saveetha Institute of Medical and Technical Sciences (SIMATS) PO CO mapping for MDS (Pediatric and Preventive Dentistry)

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 - Pediatric and Preventive Dentistry	
PSO1	Understanding normal and abnormal form and function of the human body in relevance to the pediatric population
PSO2	Assessment of children's physical, mental and dental health and risk factors, diagnose a disease condition based on detailed history, clinical examination and interpretation of lab investigations and radiographs
PSO3	Planning a comprehensive treatment protocol according to child's attitude and behaviour towards dentistry and dental health care needs
PSO4	Propose a behaviour management technique (non pharmacological or pharmacological) suitable to the child's behavioural pattern towards quality dental treatment
PSO5	Guiding parents and children towards prevention of dental diseases through diet counselling, oral health education and also towards traumatic dental injuries
PSO6	Provide emergency as well as long term management at the event traumatic dental injuries
PSO7	Mastery and competency in skills using advanced restorative techniques based on a meticulous knowledge of materials science and metallurgy.
PSO8	Provide preventive treatment against dental diseases including caries and malocclusion
PSO9	Effectively treating dental problems in pediatric patients who are medically compromised, physically challenged and special children

PSO10	Administration of local anesthetics, dental extractions and performing minor surgeries
PSO11	Intercept deleterious oral habits and treat pediatric patients at risk of developing malocclusion along with growth modifications when necessary
PSO12	Application of recent trends and advanced treatment modalities and approaches during pediatric dental practice
PSO13	Follow social values while treating pediatric patients and instilling positive dental attitude in patients & parents
PSO14	Respect child patients rights and privileges including their right to information and prevent identify and report child abuse and neglect



Course Details: MDS001 - Applied BioMedical Sciences		
Course Outcome		PO mapping
CO1	Knowledge of applied Anatomy, Physiology, Biochemistry Physiology, Pathology, Microbiology in respective clinical specialties.	PO1, PO5, PSO2
CO2	Knowledge and applications of molecular biology and genetics in disease pathogenesis, diagnosis in clinical practice	PO1, PO5, PSO2
CO3	Knowledge of applied material sciences in developing treatment strategies	PO1, PO5, PSO2
CO3	Knowledge on infection protocol in clinical practice	PO1, PO5, PSO2

	Outcome Evaluation (100 marks)	PO CO Mapping
ST	Theory Exam (100 marks)	PO1, PO5, PSO2 CO1, CO2, CO3
Legend:		
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • FT FORMATIVE THEORY, 		

Course Details: MDS - Applied BioMedical Sciences			
	Outcome Evaluation (100 marks)	PO CO Mapping	Outcome Analysis 2021
ST	Theory Exam (100 marks)	PO1, PO5, PSO2 CO1, CO2, CO3	80%
Legend:			
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • FT FORMATIVE THEORY, 			

Course Details: MDS002 - Research methodology and Biostatistics		
Course Outcome		PO mapping
CO1	Should know the basics of clinical epidemiology	PO3,
CO2	Should know the importance of ethics in research	PO3,
CO3	Should have the knowledge of various study designs namely Cohort, Case control, Cross sectional, Clinical trial and Diagnostic studies	PO3,
CO4	Should be able to define the hypothesis and frame the research question in PICO format	PO3,
CO5	Should know the various reporting guidelines	PO3,
CO6	Should be able to critically analyze the topic with emphasis on quality assessment	PO3,
CO7	Understanding of Descriptive and Inferential statistical tests and interpretation.	PO3,
CO8	Knowledge on types of data and to arrive at sample size determination for the research projects to be undertaken using G power analysis.	PO3,
CO9	Knowledge on parametric and non parametric statistical analysis and choosing of appropriate tests based on the outcome variables.	PO3,
CO10	Application of Descriptive and Inferential statistical analysis of data using statistical software SPSS	PO3,

	Outcome Evaluation (100 marks)	PO CO Mapping
ST	Theory Exam (100 marks)	PO3, CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10
FT	Assessment of activities and assignments (100 marks)	PO3,

		CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10
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Legend:

- ST SUMMATIVE THEORY,
- FT FORMATIVE THEORY,

Course Details:
MDS - Applied BioMedical Sciences in Pediatric and Preventive
Dentistry

	Outcome Evaluation (100 marks)	PO CO Mapping	Outcome Analysis 2021
ST	Theory Exam (100 marks)	PO3, CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10	75%
FT	Assessment of activities and assignments (100 marks)	PO3, CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10	75%

Legend:

- ST SUMMATIVE THEORY,
- FT FORMATIVE THEORY,

Course Details: MDS313 - Dental Materials in Pediatric and Preventive Dentistry		
Course Outcome		PO mapping
CO1	Should acquire theoretical knowledge on science and applications of restorative cements, base cements, luting cements and dental adhesives	PO1, PS07
CO2	Should attain theoretical knowledge on science and applications of metallurgy in endodontic treatments, obturating materials and post-endodontic full coverage restorations	PO1, PS07
CO3	Should obtain theoretical knowledge on science and applications of metallurgy in orthodontic treatments, impression materials, acrylic resins and gypsum products.	PO1, PS07

	Outcome Evaluation (100 marks)	PO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1, PS07 CO1, CO2, CO3
ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PS07 CO1, CO2, CO3
ST	Objectives (50 x 1 = 50 marks)	PO1, PS07 CO1, CO2, CO3
Legend:		
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • FT FORMATIVE THEORY, 		

	Outcome Evaluation (100 marks)	PO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1, PS07 CO1, CO2, CO3	75%

ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PSO7 CO1, CO2, CO3	75%
ST	Objectives (50 x 1 = 50 marks)	PO1, PSO7 CO1, CO2, CO3	75%

Legend:

- ST SUMMATIVE THEORY,
- FT FORMATIVE THEORY,



Course Details: MDS802 - Preclinical Pediatric and Preventive Dentistry and Dental Materials		
Course Outcome		PO mapping
CO1	Should acquire clinical skills in performing efficient restorative treatments with essential cements and adhesives in typodont models	PO1, PS07
CO2	Should attain clinical skills in accomplishing an acceptable pulp therapy with post-endodontic full coverage restorations in resin models	PO1, PS07
CO3	Should gain clinical and lab skills in fabrication of removable and fixed space maintainers, habit breaking appliances and removable orthodontic appliances in dental cast models	PO1, PS07

	Outcome Evaluation (100 marks)	PO CO Mapping
SP	Practicals (80 marks) (Space maintainer fabrication, Pulp therapy in resin block, Stainless steel crown in typodont model)	PO1, PS07 CO1, CO2, CO3
SV	Viva (20 marks)	PO1, PS07 CO1, CO2, CO3
Legend:		
<ul style="list-style-type: none"> • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FP FORMATIVE PRACTICAL 		

	Outcome Evaluation (100 marks)	PO CO Mapping	Outcome Analysis 2021
SP	Practicals (80 marks) (Space maintainer fabrication, Pulp therapy in resin block, Stainless steel crown in typodont model)	PO1, PS07 CO1, CO2, CO3	78%

SV	Viva (20 marks)	PO1, PSO7 CO1, CO2, CO3	78%
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Legend:

- SP SUMMATIVE PRACTICAL,
- SV SUMMATIVE VIVA,
- FP FORMATIVE PRACTICAL



Course Details: MDS807 - Behavior Management		
Course Outcome		PO mapping
CO1	Should attain theoretical knowledge on assessment of a child's physical and mental health	PO1, PSO2
CO2	Should gain theoretical knowledge on analysing pediatric patient's behavior and attitude towards dental treatments by understanding their psychological and cognitive development	PO1, PSO2
CO3	Should acquire theoretical knowledge on various behaviour management techniques like non-pharmacological and pharmacological methods including sedation and general anesthesia	PO1, PSO4
CO4	Should obtain theoretical knowledge on managing pediatric patients who require special health care needs	PO1, PSO9

	Outcome Evaluation (100 marks)	PO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1, PSO2, PSO4, PSO9 CO1, CO2, CO3, CO4
ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PSO2, PSO4, PSO9 CO1, CO2, CO3, CO4
ST	Objectives (50 x 1 = 50 marks)	PO1, PSO2, PSO4, PSO9 CO1, CO2, CO3, CO4

Legend:

- ST SUMMATIVE THEORY,
- FT FORMATIVE THEORY,

	Outcome Evaluation (100 marks)	PO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1, PSO2, PSO4, PSO9	76%

		CO1, CO2, CO3, CO4	
ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PSO2, PSO4, PSO9 CO1, CO2, CO3, CO4	76%
ST	Objectives (50 x 1 = 50 marks)	PO1, PSO2, PSO4, PSO9 CO1, CO2, CO3, CO4	76%
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • FT FORMATIVE THEORY, 			



Course Details: MDS808 - Applied Behavior Management		
Course Outcome		PO mapping
CO1	Should perform clinical assessment of a child's physical and mental health	PO1, PSO2
CO2	Should analyse pediatric patient's behavior and attitude towards dental treatments by understanding their psychological and cognitive development and plan a behaviour management strategy	PO1, PSO2
CO3	Should perform appropriate behaviour management technique and efficiently provide the required dental treatment	PO1, PSO4

	Outcome Evaluation (100 marks)	PO CO Mapping
SP	Practicals (80 marks) (Diagnose the clinical presentation, complete the necessary treatment with appropriate behaviour management technique)	PO1, PSO2, PSO4 CO1, CO2, CO3
SV	Viva (20 marks)	PO1, PSO2, PSO4 CO1, CO2, CO3
FC	Practical exercise activity score (Chair side full mouth rehabilitations - 5) DIAS Score on pediatric dental management (minimum required score 1250)	PO1, PSO2, PSO4 CO1, CO2, CO3

Legend:

- SP SUMMATIVE PRACTICAL,
- SV SUMMATIVE VIVA,
- FC FORMATIVE CLINICAL

	Outcome Evaluation (100 marks)	PO CO Mapping	Outcome Analysis 2021
SP	Practicals (80 marks)	PO1, PSO2, PSO4	85%

	(Diagnose the clinical presentation, complete the necessary treatment with appropriate behaviour management technique)	CO1, CO2, CO3	
SV	Viva (20 marks)	PO1, PSO2, PSO4 CO1, CO2, CO3	85%
FC	Practical exercise activity score (Chair side full mouth rehabilitations - 5) DIAS Score on pediatric dental management (minimum required score 1250)	PO1, PSO2, PSO4 CO1, CO2, CO3	85%

Legend:

- SP SUMMATIVE PRACTICAL,
- SV SUMMATIVE VIVA,
- FC FORMATIVE CLINICAL



Course Details: MDS316 - Cariology		
Course Outcome		PO mapping
CO1	Develop the understanding of dental caries disease dynamics, role of primary and secondary factors contributing to disease initiation and progression, the hypothesis involved in etio-pathogenesis of dental caries and epidemiology of dental caries	PO1, PSO2, PSO7
CO2	To gain knowledge of risk assessment & methods to detect and diagnose dental caries and histopathological characteristics of dental caries in enamel and dentin	PO1, PSO2, PSO7
CO3	Understanding the management strategies including non-invasive, micro invasive and invasive strategies at patient level and at community level and analysing future trends in disease management	PO1, PSO2, PSO7

	Outcome Evaluation (200 marks)	PO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1, PSO2, PSO7 CO1, CO2, CO3
ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PSO2, PSO7 CO1, CO2, CO3
ST	Objectives (50 x 1 = 50 marks)	PO1, PSO2, PSO7 CO1, CO2, CO3
FRC	Research SRB, SR, DISSERTATION Exams - 100 marks	PO3,
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • FT FORMATIVE THEORY, • FRC FORMATIVE RESEARCH - CO-CURRICULAR 		

	Outcome Evaluation (200 marks)	PO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1, PSO2, PSO7 CO1, CO2, CO3	82%
ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PSO2, PSO7 CO1, CO2, CO3	82%
ST	Objectives (50 x 1 = 50 marks)	PO1, PSO2, PSO7 CO1, CO2, CO3	82%
FR C	Research SRB, SR, DISSERTATION Exams - 100 marks	PO3,	95%

Legend:

- ST SUMMATIVE THEORY,
- FT FORMATIVE THEORY,
- FRC FORMATIVE RESEARCH - CO-CURRICULAR



Course Details: MDS826 - Caries Management in Pediatric Dentistry		
Course Outcome		PO mapping
CO1	Should attain skills on classifying carious lesions and grading carious surface based on ICDAS scoring	PO1, PSO2
CO2	Should gain clinical skills on managing deep carious primary and permanent teeth by pulp capping and having a long term follow-up of the treated teeth	PO1, PSO7

	Outcome Evaluation (100 marks)	PO CO Mapping
SP	Practicals (80 marks) (Diagnose the clinical presentation, Provide ICDAS score, perform Indirect pulp capping or deep caries management)	PO1, PSO2, PSO7 CO1, CO2
SV	Viva (20 marks)	PO1, PSO2, PSO7 CO1, CO2
FC	Practical exercise activity score (Chair side full mouth rehabilitations - 5 Indirect pulp capping - 10 with 1 month review) DIAS Score on pediatric dental management (minimum required score 1250)	PO1, PSO2, PSO7 CO1, CO2

Legend:

- SP SUMMATIVE PRACTICAL,
- SV SUMMATIVE VIVA,
- FC FORMATIVE CLINICAL

	Outcome Evaluation (100 marks)	PO CO Mapping	Outcome Analysis 2021
SP	Practicals (80 marks) (Diagnose the clinical presentation, Provide ICDAS score, perform Indirect	PO1, PSO2, PSO7 CO1, CO2	80%

	pulp capping or deep caries management)		
SV	Viva (20 marks)	PO1, PSO2, PSO7 CO1, CO2	80%
FC	Practical exercise activity score (Chair side full mouth rehabilitations - 5 Indirect pulp capping - 10 with 1 month review) DIAS Score on pediatric dental management (minimum required score 1250)	PO1, PSO2, PSO7 CO1, CO2	80%

Legend:

- SP SUMMATIVE PRACTICAL,
- SV SUMMATIVE VIVA,
- FC FORMATIVE CLINICAL



Course Details: MDS523- Growth and Development		
Course Outcome		PO mapping
CO1	Should acquire theoretical knowledge on normal growth and development of humans, jaws and related structures;	PO1, PSO1, PSO2
CO2	Should understand the concepts of growth spurts and growth prediction	PO1, PSO1, PSO2
CO3	Should attain theoretical knowledge on deleterious oral habits causing malocclusions and its management;	PO1, PSO11
CO4	Should obtain theoretical knowledge on space management and the basis of providing preventive and interceptive orthodontic management.	PO1, PSO8

	Outcome Evaluation (200 marks)	PO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1, PSO1, PSO2, PSO11, PSO18 CO1, CO2, CO3, CO4
ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PSO1, PSO2, PSO11, PSO18 CO1, CO2, CO3, CO4
ST	Objectives (50 x 1 = 50 marks)	PO1, PSO1, PSO2, PSO11, PSO18 CO1, CO2, CO3, CO4
FRC	Research SRB, SR, DISSERTATION Exams - 100 marks	PO3,

Legend:

- ST SUMMATIVE THEORY,
- FT FORMATIVE THEORY,
- FRC FORMATIVE RESEARCH - CO-CURRICULAR

	Outcome Evaluation (200 marks)	PO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1, PSO1, PSO2, PSO11, PSO18 CO1, CO2, CO3, CO4	78%
ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PSO1, PSO2, PSO11, PSO18 CO1, CO2, CO3, CO4	78%
ST	Objectives (50 x 1 = 50 marks)	PO1, PSO1, PSO2, PSO11, PSO18 CO1, CO2, CO3, CO4	78%
FR C	Research SRB, SR, DISSERTATION Exams - 100 marks	PO3,	95%

Legend:

- ST SUMMATIVE THEORY,
- FT FORMATIVE THEORY,
- FRC FORMATIVE RESEARCH - CO-CURRICULAR

Course Details: MDS827 - Preventive Pediatric Orthodontics		
Course Outcome		PO mapping
CO1	Gain clinical skills to detect, assess, classify and manage deleterious oral habits that could potentially lead to malocclusions	PO1, PSO11
CO2	Clinically analyse and manage space loss and intercept malocclusions at an earlier stage	PO1, PSO8
CO3	Should have skills to assess growth changes and provide appliances that help in growth modification and treat full fledged malocclusions	PO1, PSO8

	Outcome Evaluation (100 marks)	PO CO Mapping
SP	Practicals (80 marks) (Diagnose the clinical presentation, provide necessary treatment planning, fabricate habit breaking appliance or strap up - 1 case)	PO1, PSO11, PSO8 CO1, CO2, CO3
SV	Viva (20 marks)	PO1, PSO11, PSO8 CO1, CO2, CO3
FC	Practical exercise activity score (Chair side full mouth rehabilitations - 5 Habit breaking appliances - 10 Minor orthodontics - 2) DIAS Score on pediatric dental management (minimum required score 1250)	PO1, PSO11, PSO8 CO1, CO2, CO3

Legend:

- SP SUMMATIVE PRACTICAL,
- SV SUMMATIVE VIVA,
- FC FORMATIVE CLINICAL

	Outcome Evaluation (100 marks)	PO CO Mapping	Outcome Analysis 2021

SP	Practicals (80 marks) (Diagnose the clinical presentation, provide necessary treatment planning, fabricate habit breaking appliance or strap up - 1 case)	PO1, PSO11, PSO8 CO1, CO2, CO3	80%
SV	Viva (20 marks)	PO1, PSO11, PSO8 CO1, CO2, CO3	80%
FC	Practical exercise activity score (Chair side full mouth rehabilitations - 5 Habit breaking appliances - 10 Minor orthodontics - 2) DIAS Score on pediatric dental management (minimum required score 1250)	PO1, PSO11, PSO8 CO1, CO2, CO3	80%

Legend:

- SP SUMMATIVE PRACTICAL,
- SV SUMMATIVE VIVA,
- FC FORMATIVE CLINICAL



Course Details: MDS828 - Preventive Dentistry		
Course Outcome		PO mapping
CO1	Attain knowledge on methods of assessing caries risk to help in prevention of dental caries	PO1, PSO2
CO2	Understand the concepts of physical and chemical methods of plaque control, fabricate a diet diary and design a diet counselling format	PO1, PSO5
CO3	Obtain theoretical knowledge on the need of providing pit and fissure sealants, preventive resin restorations, atraumatic restorations and different fluoride therapies	PO1, PSO5

	Outcome Evaluation (200 marks)	PO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1, PSO2, PSO5 CO1, CO2, CO3
ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PSO2, PSO5 CO1, CO2, CO3
ST	Objectives (50 x 1 = 50 marks)	PO1, PSO2, PSO5 CO1, CO2, CO3
FRC	Research SRB, SR, DISSERTATION Exams - 100 marks	PO3,

Legend:

- ST SUMMATIVE THEORY,
- FT FORMATIVE THEORY,
- FRC FORMATIVE RESEARCH - CO-CURRICULAR

	Outcome Evaluation (200 marks)	PO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1, PSO2, PSO5	85%

		CO1, CO2, CO3	
ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PSO2, PSO5 CO1, CO2, CO3	85%
ST	Objectives (50 x 1 = 50 marks)	PO1, PSO2, PSO5 CO1, CO2, CO3	85%
FR C	Research SRB, SR, DISSERTATION Exams - 100 marks	PO3,	95%

Legend:

- ST SUMMATIVE THEORY,
- FT FORMATIVE THEORY,
- FRC FORMATIVE RESEARCH - CO-CURRICULAR



Course Details: MDS829 - Preventive Pediatric Dentistry		
Course Outcome		PO mapping
CO1	Clinically assess caries risk for pediatric patients	PO1, PSO2
CO2	Gain clinical skills to place pit and fissure sealants, preventive resin restorations and atraumatic restorations	PO1, PSO8
CO3	To formulate a diet diary and have the ability to counsel parents and patient for caries prevention	PO1, PSO5

	Outcome Evaluation (100 marks)	PO CO Mapping
SP	Practicals (80 marks) (Diagnose the clinical presentation, make a diet diary, calculate caries risk by sugar exposures, provide necessary treatment planning and diet counselling, perform a case of pit and fissure sealant or fluoride application or preventive resin restoration- 1 case)	PO1, PSO2, PSO5, PSO8 CO1, CO2
SV	Viva (20 marks)	PO1, PSO2, PSO5, PSO8 CO1, CO2
FC	Practical exercise activity score (Chair side full mouth rehabilitations - 5 Diet diary and counselling - 10 Preventive procedures - 50) DIAS Score on pediatric dental management (minimum required score 1250)	PO1, PSO2, PSO5, PSO8 CO1, CO2

Legend:

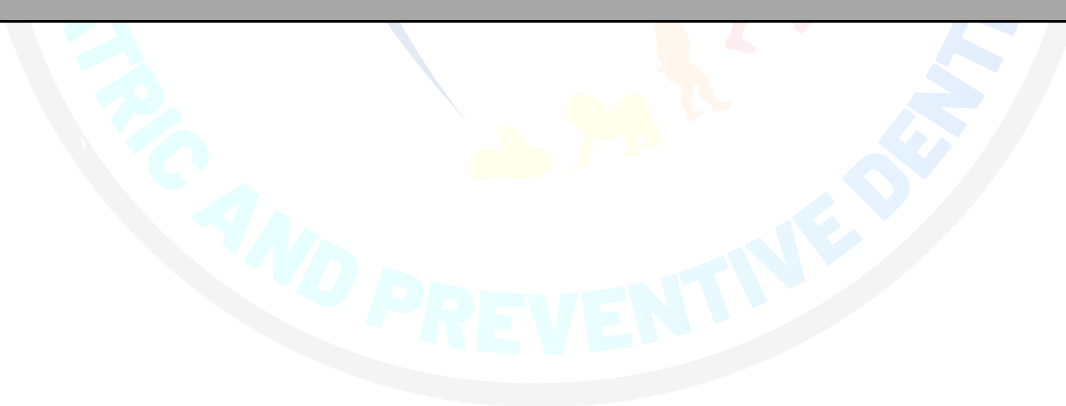
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- SV SUMMATIVE VIVA,
- FC FORMATIVE CLINICAL

	Outcome Evaluation (100 marks)	PO CO Mapping	Outcome Analysis 2021

SP	<p>Practicals (80 marks)</p> <p>(Diagnose the clinical presentation, make a diet diary, calculate caries risk by sugar exposures, provide necessary treatment planning and diet counselling, perform a case of pit and fissure sealant or fluoride application or preventive resin restoration- 1 case)</p>	<p>PO1, PSO2, PSO5, PSO8</p> <p>CO1, CO2</p>	84%
SV	Viva (20 marks)	<p>PO1, PSO2, PSO5, PSO8</p> <p>CO1, CO2</p>	84%
FC	<p>Practical exercise activity score (Chair side full mouth rehabilitations - 5 Diet diary and counselling - 10 Preventive procedures - 50)</p> <p>DIAS Score on pediatric dental management (minimum required score 1250)</p>	<p>PO1, PSO2, PSO5, PSO8</p> <p>CO1, CO2</p>	84%

Legend:

- SP SUMMATIVE PRACTICAL,
- SV SUMMATIVE VIVA,
- FC FORMATIVE CLINICAL



Course Details: MDS830A - Conscious sedation		
Course Outcome		PO mapping
CO1	Gain theoretical knowledge on drugs used, sedation protocols and nitrous oxide - oxygen sedation, intra nasal sedation, IV sedation and oral sedation	PO1, PSO4
CO2	Gain clinical skills in inducing sedation using nitrous oxide - oxygen sedation, intra nasal sedation, IV sedation and oral sedation	PO1, PSO4

	Outcome Evaluation (500 marks)	PO CO Mapping
ST	Theory exam (100 x 4 = 400 marks)	PO1, PSO4 CO1, CO2
SP	Practicals (100 marks) (Diagnose the clinical presentation, induce sedation using nitrous oxide - oxygen sedation unit for an adult patient)	PO1, PSO4 CO1, CO2
Legend:		
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • FT FORMATIVE THEORY, • FRC FORMATIVE RESEARCH - CO-CURRICULAR 		

	Outcome Evaluation (500 marks)	PO CO Mapping	Outcome Analysis 2021
ST	Theory exam (100 x 4 = 400 marks)	PO1, PSO4 CO1, CO2	77%
SP	Practicals (100 marks) (Diagnose the clinical presentation, induce sedation using nitrous oxide - oxygen sedation unit for an adult patient)	PO1, PSO4 CO1, CO2	77%

Legend:

- ST SUMMATIVE THEORY,
- FT FORMATIVE THEORY,
- FRC FORMATIVE RESEARCH - CO-CURRICULAR



Course Details:

MDS830 - Management of children under conscious sedation		
Course Outcome		PO mapping
CO1	Gain clinical skills in inducing sedation using nitrous oxide - oxygen, intra-nasal route, oral route and IV route.	PO1, PSO4
CO2	Gain clinical skills in performing all dental procedures in children under the above sedation methods	PO1, PSO4

	Outcome Evaluation (100 marks)	PO CO Mapping
SP	Practicals (80 marks) (Diagnose the clinical presentation, fabricate a treatment plan, perform the required treatment under nitrous oxide - oxygen sedation- 1 case)	PO1, PSO4 CO1, CO2
SV	Viva (20 marks)	PO1, PSO4 CO1, CO2
FC	Practical exercise activity score (Chair side full mouth rehabilitations - 5 NO-O sedation cases - 20) DIAS Score on pediatric dental management (minimum required score 1250)	PO1, PSO4 CO1, CO2
Legend: <ul style="list-style-type: none"> • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FC FORMATIVE CLINICAL 		

	Outcome Evaluation (100 marks)	PO CO Mapping	Outcome Analysis 2021
SP	Practicals (80 marks) (Diagnose the clinical presentation, fabricate a treatment plan, perform the required treatment under nitrous oxide - oxygen sedation- 1 case)	PO1, PSO4 CO1, CO2	85%
SV	Viva (20 marks)	PO1, PSO4	85%

		CO1, CO2	
FC	<p>Practical exercise activity score (Chair side full mouth rehabilitations - 5 NO-O sedation cases - 20)</p> <p>DIAS Score on pediatric dental management (minimum required score 1250)</p>	<p>PO1, PSO4</p> <p>CO1, CO2</p>	85%

Legend:

- SP SUMMATIVE PRACTICAL,
- SV SUMMATIVE VIVA,
- FC FORMATIVE CLINICAL



Course Details: MDS122 - Anaesthesia & surgical preparation		
Course Outcome		PO mapping
CO1	Gain theoretical knowledge about various local anesthetics, its administration techniques for children of different ages	PO1, PS10
CO2	Acquire knowledge on drugs used for induction, maintenance and recovery in general anesthesia, planes of anesthesia and complications of general anesthesia	PO1, PSO4
CO3	Understanding on pre-surgical work-ups, anesthetic assessment, anesthesia protocols, in-patient procedures, admissions and post-recovery management until discharge of the patient.	PO1, PSO4
CO4	Attain knowledge on its use in performing pulp therapy, minor oral surgical procedures and post endodontic restorations	PO1, PSO4

	Outcome Evaluation (200 marks)	PO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1, PSO4, PSO10 CO1, CO2, CO3, CO4
ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PSO4, PSO10 CO1, CO2, CO3, CO4
ST	Objectives (50 x 1 = 50 marks)	PO1, PSO4, PSO10 CO1, CO2, CO3, CO4
FRC	Research SRB, SR, DISSERTATION Exams - 100 marks	PO3,
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • FT FORMATIVE THEORY, • FRC FORMATIVE RESEARCH - CO-CURRICULAR 		

	Outcome Evaluation (200 marks)	PO CO Mapping	Outcome Analysis 2021

ST	Concept Map (4 x 5 = 20 marks)	PO1, PSO4, PSO10 CO1, CO2, CO3, CO4	83%
ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PSO4, PSO10 CO1, CO2, CO3, CO4	83%
ST	Objectives (50 x 1 = 50 marks)	PO1, PSO4, PSO10 CO1, CO2, CO3, CO4	83%
FR C	Research SRB, SR, DISSERTATION Exams - 100 marks	PO3,	95%

Legend:

- ST SUMMATIVE THEORY,
- FT FORMATIVE THEORY,
- FRC FORMATIVE RESEARCH - CO-CURRICULAR



Course Details: MDS831 - Full mouth rehabilitation under General Anaesthesia		
Course Outcome		PO mapping
CO1	Gain clinical skills in performing full mouth rehabilitation in children lacking cooperative ability and those with special health care needs under general anesthesia.	PO1, PSO4
CO2	Perform pre-surgical work-ups, anesthetic assessment, anesthesia protocols, in-patient procedures, admissions and post-recovery management until discharge of the patient.	PO1, PSO4

	Outcome Evaluation (100 marks)	PO CO Mapping
SP	Practicals (80 marks) (Diagnose the clinical presentation, fabricate a treatment plan, perform the required treatment under General anesthesia- 1 case)	PO1, PSO4 CO1, CO2
SV	Viva (20 marks)	PO1, PSO4 CO1, CO2
FC	Practical exercise activity score (Full mouth rehabilitations under GA - 10) DIAS Score on pediatric dental management (minimum required score 1250)	PO1, PSO4 CO1, CO2
Legend:		
<ul style="list-style-type: none"> • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FC FORMATIVE CLINICAL 		

	Outcome Evaluation (100 marks)	PO CO Mapping	Outcome Analysis 2021
SP	Practicals (80 marks) (Diagnose the clinical presentation, fabricate a treatment plan, perform the	PO1, PSO4 CO1, CO2	86%

	required treatment under General anesthesia- 1 case)		
SV	Viva (20 marks)	PO1, PSO4 CO1, CO2	86%
FC	Practical exercise activity score (Full mouth rehabilitations under GA - 10) DIAS Score on pediatric dental management (minimum required score 1250)	PO1, PSO4 CO1, CO2	86%

Legend:

- SP SUMMATIVE PRACTICAL,
- SV SUMMATIVE VIVA,
- FC FORMATIVE CLINICAL



Course Details: MDS745:2D & 3D Imaging		
Course Outcome		PO mapping
CO1	Understanding about all the types of 2D and 3D imaging systems available, their principles and their operating methods.	PO1, PSO2
CO2	Gain knowledge on interpretation of normal and pathological conditions in different imaging systems for different clinical scenarios	PO1, PSO2

	Outcome Evaluation (100 marks)	PO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1, PSO2 CO1, CO2
ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PSO2 CO1, CO2
ST	Objectives (50 x 1 = 50 marks)	PO1, PSO2 CO1, CO2
Legend:		
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • FT FORMATIVE THEORY, 		

	Outcome Evaluation (100 marks)	PO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1, PSO2 CO1, CO2	78%
ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PSO2 CO1, CO2	78%
ST	Objectives (50 x 1 = 50 marks)	PO1, PSO2	78%

		CO1, CO2	
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Legend:

- ST SUMMATIVE THEORY,
- FT FORMATIVE THEORY,



Course Details: MDS832 - Radiological Interpretation in Pediatric Dentistry		
Course Outcome		PO mapping
CO1	Attain clinical skills on radiological interpretation of different 2D and 3D imaging systems in various pedodontic clinical scenarios	PO1, PSO2

	Outcome Evaluation (100 marks)	PO CO Mapping
SP	Practicals (80 marks) (Diagnose the clinical presentation, advice a radiographic investigation, interpret the radiograph, fabricate a treatment plan, perform the required treatment- 1 case)	PO1, PSO2 CO1
SV	Viva (20 marks)	PO1, PSO2 CO1
FC	Practical exercise activity score (Chair side full mouth rehabilitations - 5 Minor surgical cases - 5) DIAS Score on pediatric dental management (minimum required score 1250)	PO1, PSO2 CO1
Legend: <ul style="list-style-type: none"> • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FC FORMATIVE CLINICAL 		

	Outcome Evaluation (100 marks)	PO CO Mapping	Outcome Analysis 2021
SP	Practicals (80 marks) (Diagnose the clinical presentation, advice a radiographic investigation, interpret the radiograph, fabricate a treatment plan, perform the required treatment- 1 case)	PO1, PSO2 CO1	85%

SV	Viva (20 marks)	PO1, PSO2 CO1	85%
FC	Practical exercise activity score (Chair side full mouth rehabilitations - 5 Minor surgical cases - 5) DIAS Score on pediatric dental management (minimum required score 1250)	PO1, PSO2 CO1	85%

Legend:

- SP SUMMATIVE PRACTICAL,
- SV SUMMATIVE VIVA,
- FC FORMATIVE CLINICAL



Course Details: MDS244- Laser and Minimally Invasive Surgery		
Course Outcome		PO mapping
CO1	Understand theoretical aspects on the principles, types and protocols for usage of hard-tissue and soft-tissue lasers	PO1, PSO12
CO2	Understand theoretical aspects on the principles, types and protocols for usage of endodontic microscopes	PO1, PSO12
CO3	Acquire knowledge on performing minimally invasive surgeries like labial and lingual frenectomy, apicoectomy, operculectomy using lasers and endodontic microscopes	PO1, PSO10, PSO12

	Outcome Evaluation (100 marks)	PO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1, PSO10, PSO12 CO1, CO2, CO3
ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PSO10, PSO12 CO1, CO2, CO3
ST	Objectives (50 x 1 = 50 marks)	PO1, PSO10, PSO12 CO1, CO2, CO3
Legend:		
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • FT FORMATIVE THEORY, 		

	Outcome Evaluation (100 marks)	PO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1, PSO10, PSO12 CO1, CO2, CO3	88%
ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PSO10, PSO12	88%

		CO1, CO2, CO3	
ST	Objectives (50 x 1 = 50 marks)	PO1, PSO10, PSO12 CO1, CO2, CO3	88%

Legend:

- ST SUMMATIVE THEORY,
- FT FORMATIVE THEORY,



Course Details: MDS833 - Microsurgery in Pediatric Dentistry		
Course Outcome		PO mapping
CO1	Acquire clinical skills in using endodontic microscopes	PO1, PSO12
CO2	Acquire clinical skills in performing minor surgeries in pediatric dentistry like labial and lingual frenectomy, apicoectomy, operculectomy using conventional techniques and lasers	PO1, PSO10, PSO12
CO3	Acquire clinical skills in performing emergency management for traumatic dental injuries	PO1, PSO6

	Outcome Evaluation (100 marks)	PO CO Mapping
SP	Practicals (80 marks) (Diagnose the clinical presentation, perform a minor surgical procedure - 1 case)	PO1, PSO6, PSO10, PSO12 CO1, CO2, CO3
SV	Viva (20 marks)	PO1, PSO6, PSO10, PSO12 CO1, CO2, CO3
FC	Practical exercise activity score (Chair side full mouth rehabilitations - 5 Minor surgical cases - 5) DIAS Score on pediatric dental management (minimum required score 1250)	PO1, PSO6, PSO10, PSO12 CO1, CO2, CO3

Legend:

- SP SUMMATIVE PRACTICAL,
- SV SUMMATIVE VIVA,
- FC FORMATIVE CLINICAL

	Outcome Evaluation (100 marks)	PO CO Mapping	Outcome Analysis 2021
SP	Practicals (80 marks)	PO1, PSO6, PSO10, PSO12	79%

	(Diagnose the clinical presentation, perform a minor surgical procedure - 1 case)	CO1, CO2, CO3	
SV	Viva (20 marks)	PO1, PSO6, PSO10, PSO12 CO1, CO2, CO3	79%
FC	Practical exercise activity score (Chair side full mouth rehabilitations - 5 Minor surgical cases - 5) DIAS Score on pediatric dental management (minimum required score 1250)	PO1, PSO6, PSO10, PSO12 CO1, CO2, CO3	79%

Legend:

- SP SUMMATIVE PRACTICAL,
- SV SUMMATIVE VIVA,
- FC FORMATIVE CLINICAL



Course Details: MDS334 - Esthetic Dentistry		
Course Outcome		PO mapping
CO1	Understand the theoretical aspects of Strip crowns, Figaro crowns, zirconia crowns in primary dentition	PO1, PS07, PS012
CO2	Attain theoretical knowledge on composite restorations, jacket crowns in permanent dentition	PO1, PS07
CO3	Obtain theoretical concepts on Veneers, laminates, full mouth crowns	PO1, PS07, PS012
CO4	Acquire theoretical view on bleaching, micro and macro abrasions	PO1, PS07, PS012

	Outcome Evaluation (200 marks)	PO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1, PS07, PS012 CO1, CO2, CO3, CO4
ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PS07, PS012 CO1, CO2, CO3, CO4
ST	Objectives (50 x 1 = 50 marks)	PO1, PS07, PS012 CO1, CO2, CO3, CO4
FRC	Research SRB, SR, DISSERTATION Exams - 100 marks	PO3,

Legend:

- ST SUMMATIVE THEORY,
- FT FORMATIVE THEORY,
- FRC FORMATIVE RESEARCH - CO-CURRICULAR

	Outcome Evaluation (200 marks)	PO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1, PS07, PS012	78%

		CO1, CO2, CO3, CO4	
ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PS07, PSO12 CO1, CO2, CO3, CO4	78%
ST	Objectives (50 x 1 = 50 marks)	PO1, PS07, PSO12 CO1, CO2, CO3, CO4	78%
FR C	Research SRB, SR, DISSERTATION Exams - 100 marks	PO3,	78%
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • FT FORMATIVE THEORY, • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			



Course Details: MDS834 - Esthetic Pediatric Dentistry		
Course Outcome		PO mapping
CO1	Develop fine motor skills to embrace the esthetic aspects in primary dentition like Strip crowns, Figaro crowns, and zirconia crowns	PO1, PO4, PSO7, PSO12
CO2	Develop fine motor skills to provide esthetic rehabilitation in permanent dentition using composite restorations, jacket crowns, laminates, and veneers.	PO1, PO4, PSO7, PSO12
CO3	Develop skills on performing procedures like bleaching, micro and macro abrasions.	PO1, PO4, PSO7, PSO12

	Outcome Evaluation (100 marks)	PO CO Mapping
SP	Practicals (80 marks) (Diagnose the clinical presentation, perform an esthetical corrective procedure - 1 case)	PO1, PO4, PSO7, PSO12 CO1, CO2, CO3
SV	Viva (20 marks)	PO1, PO4, PSO7, PSO12 CO1, CO2, CO3
FC	Practical exercise activity score (Chair side full mouth rehabilitations - 5 Anterior crowns for permanent teeth - 5 Class IV restoration / Ellis class II fracture rehab - 10) DIAS Score on pediatric dental management (minimum required score 1250)	PO1, PO4, PSO7, PSO12 CO1, CO2, CO3

Legend:

- SP SUMMATIVE PRACTICAL,
- SV SUMMATIVE VIVA,
- FC FORMATIVE CLINICAL

	Outcome Evaluation (100 marks)	PO CO Mapping	Outcome Analysis 2021

SP	Practicals (80 marks) (Diagnose the clinical presentation, perform an esthetical corrective procedure - 1 case)	PO1, PO4, PS07, PS012 CO1, CO2, CO3	82%
SV	Viva (20 marks)	PO1, PO4, PS07, PS012 CO1, CO2, CO3	82%
FC	Practical exercise activity score (Chair side full mouth rehabilitations - 5 Anterior crowns for permanent teeth - 5 Class IV restoration / Ellis class II fracture rehab - 10) DIAS Score on pediatric dental management (minimum required score 1250)	PO1, PO4, PS07, PS012 CO1, CO2, CO3	82%

Legend:

- SP SUMMATIVE PRACTICAL,
- SV SUMMATIVE VIVA,
- FC FORMATIVE CLINICAL



Course Details:
MDS835 - Model Paper - I

Course Outcome		PO mapping
CO1	To have thorough theoretical knowledge about various clinical treatments done in pediatric dentistry	PO1, PO5, PSO1, PSO2, PSO3, PSO4, PSO6, PSO7, PSO9, PSO10, PSO11, PSO13, PSO14

	Outcome Evaluation (200 marks)	PO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1, PO5, PSO1, PSO2, PSO3, PSO4, PSO6, PSO7, PSO9, PSO10, PSO11, PSO13, PSO14 CO1
ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PO5, PSO1, PSO2, PSO3, PSO4, PSO6, PSO7, PSO9, PSO10, PSO11, PSO13, PSO14 CO1
ST	Objectives (50 x 1 = 50 marks)	PO1, PO5, PSO1, PSO2, PSO3, PSO4, PSO6, PSO7, PSO9, PSO10, PSO11, PSO13, PSO14 CO1
FRC	Research SRB, SR, DISSERTATION Exams - 100 marks	PO3,

Legend:

- ST SUMMATIVE THEORY,
- FT FORMATIVE THEORY,
- FRC FORMATIVE RESEARCH - CO-CURRICULAR

	Outcome Evaluation (200 marks)	PO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1, PO5, PSO1, PSO2, PSO3, PSO4, PSO6, PSO7, PSO9, PSO10, PSO11, PSO13, PSO14 CO1	81%
ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PO5, PSO1, PSO2, PSO3, PSO4, PSO6, PSO7, PSO9, PSO10, PSO11, PSO13, PSO14 CO1	81%
ST	Objectives (50 x 1 = 50 marks)	PO1, PO5, PSO1, PSO2, PSO3, PSO4, PSO6, PSO7, PSO9, PSO10, PSO11, PSO13, PSO14 CO1	81%
FR C	Research SRB, SR, DISSERTATION Exams - 100 marks	PO3,	95%
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • FT FORMATIVE THEORY, • FRC FORMATIVE RESEARCH - CO-CURRICULAR 			

Course Details: MDS836 - Model Paper - II		
Course Outcome		PO mapping
CO1	To have thorough theoretical knowledge about different preventive dental procedures at patient level and community level done in pediatric dentistry	PO1, PSO5, PSO8, PSO9, PSO11,

	Outcome Evaluation (100 marks)	PO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1, PSO5, PSO8, PSO9, PSO11, CO1
ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PSO5, PSO8, PSO9, PSO11, CO1
ST	Objectives (50 x 1 = 50 marks)	PO1, PSO5, PSO8, PSO9, PSO11, CO1

Legend:

- ST SUMMATIVE THEORY,
- FT FORMATIVE THEORY,

	Outcome Evaluation (100 marks)	PO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1, PSO5, PSO8, PSO9, PSO11, CO1	79%
ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PSO5, PSO8, PSO9, PSO11,	79%

		CO1	
ST	Objectives (50 x 1 = 50 marks)	PO1, PSO5, PSO8, PSO9, PSO11, CO1	79%
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • FT FORMATIVE THEORY, 			



Course Details: MDS837 - Model Paper - III		
Course Outcome		PO mapping
CO1	To have thorough theoretical knowledge about evidence based decision making in various treatment modalities, materials and protocols performed in children for their dental needs	PO1, PO3, PSO12,

	Outcome Evaluation (100 marks)	PO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1, PO3, PSO12, CO1
ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PO3, PSO12, CO1
ST	Objectives (50 x 1 = 50 marks)	PO13, PO17PO1, PO3, PSO12, CO1
Legend:		
<ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • FT FORMATIVE THEORY, 		

	Outcome Evaluation (100 marks)	PO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1, PO3, PSO12, CO1	83%
ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PO3, PSO12, CO1	83%
ST	Objectives (50 x 1 = 50 marks)	PO1, PO3, PSO12, CO1	83%

Legend:

- ST SUMMATIVE THEORY,
- FT FORMATIVE THEORY,



Course Details:
MDS838 - Model Practical

Course Outcome

PO mapping

CO1	To expertise in performing pulp therapy, post-endodontic restoration and preventive orthodontics as a qualified pediatric dental professional	PO1, PO2, PO4, PO6, PSO1, PSO2, PSO3, PSO4, PSO6, PSO7, PSO9, PSO10, PSO11, PSO13, PSO14
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	Outcome Evaluation (100 marks)	PO CO Mapping
SP	Practicals (80 marks) (Diagnose the clinical presentation, perform pulp therapy - pulpectomy; post-endodontic restoration - stainless steel crown; and preventive orthodontics - space maintainer fabrication)	PO1, PO2, PO4, PO6, PSO1, PSO2, PSO3, PSO4, PSO6, PSO7, PSO9, PSO10, PSO11, PSO13, PSO14 CO1
SV	Viva (20 marks)	PO1, PO2, PO4, PO6, PSO1, PSO2, PSO3, PSO4, PSO6, PSO7, PSO9, PSO10, PSO11, PSO13, PSO14 CO1
FC	Practical exercise activity score (Overall procedure count - 6000) DIAS Score on pediatric dental management (minimum required score 70000)	PO1, PO2, PO4, PO6, PSO1, PSO2, PSO3, PSO4, PSO6, PSO7, PSO9, PSO10, PSO11, PSO13, PSO14 CO1

Legend:

- SP SUMMATIVE PRACTICAL,
- SV SUMMATIVE VIVA,
- FC FORMATIVE CLINICAL

	Outcome Evaluation (100 marks)	PO CO Mapping	Outcome Analysis 2021
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SP	Practicals (80 marks) (Diagnose the clinical presentation, perform pulp therapy - pulpectomy; post-endodontic restoration - stainless steel crown; and preventive orthodontics - space maintainer fabrication)	PO1, PO2, PO4, PO6, PSO1, PSO2, PSO3, PSO4, PSO6, PSO7, PSO9, PSO10, PSO11, PSO13, PSO14 CO1	84%
SV	Viva (20 marks)	PO1, PO2, PO4, PO6, PSO1, PSO2, PSO3, PSO4, PSO6, PSO7, PSO9, PSO10, PSO11, PSO13, PSO14 CO1	84%
FC	Practical exercise activity score (Overall procedure count - 6000) DIAS Score on pediatric dental management (minimum required score 70000)	PO1, PO2, PO4, PO6, PSO1, PSO2, PSO3, PSO4, PSO6, PSO7, PSO9, PSO10, PSO11, PSO13, PSO14 CO1	84%
Legend: <ul style="list-style-type: none"> • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FC FORMATIVE CLINICAL 			

Course Details:
MDS028 - Paper - I

Course Outcome		PO mapping
CO1	To have thorough theoretical knowledge about various clinical treatments done in pediatric dentistry	PO1, PO5, PSO1, PSO2, PSO3, PSO4, PSO6, PSO7, PSO9, PSO10, PSO11, PSO13, PSO14

	Outcome Evaluation (100 marks)	PO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1, PO5, PSO1, PSO2, PSO3, PSO4, PSO6, PSO7, PSO9, PSO10, PSO11, PSO13, PSO14 CO1
ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PO5, PSO1, PSO2, PSO3, PSO4, PSO6, PSO7, PSO9, PSO10, PSO11, PSO13, PSO14 CO1
ST	Objectives (50 x 1 = 50 marks)	PO1, PO5, PSO1, PSO2, PSO3, PSO4, PSO6, PSO7, PSO9, PSO10, PSO11, PSO13, PSO14 CO1

Legend:

- ST SUMMATIVE THEORY,
- FT FORMATIVE THEORY,

	Outcome Evaluation (200 marks)	PO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1, PO5, PSO1, PSO2, PSO3,	83%

		PSO4, PSO6, PSO7, PSO9, PSO10, PSO11, PSO13, PSO14 CO1	
ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PO5, PSO1, PSO2, PSO3, PSO4, PSO6, PSO7, PSO9, PSO10, PSO11, PSO13, PSO14 CO1	83%
ST	Objectives (50 x 1 = 50 marks)	PO1, PO5, PSO1, PSO2, PSO3, PSO4, PSO6, PSO7, PSO9, PSO10, PSO11, PSO13, PSO14 CO1	83%

Legend:

- ST SUMMATIVE THEORY,
- FT FORMATIVE THEORY,
- FRC FORMATIVE RESEARCH - CO-CURRICULAR

Course Details:
MDS038 - Paper - II

Course Outcome		PO mapping
CO1	To have thorough theoretical knowledge about different preventive dental procedures at patient level and community level done in pediatric dentistry	PO1, PSO5, PSO8, PSO9, PSO11

	Outcome Evaluation (100 marks)	PO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1, PSO5, PSO8, PSO9, PSO11 CO1
ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PSO5, PSO8, PSO9, PSO11 CO1
ST	Objectives (50 x 1 = 50 marks)	PO1, PSO5, PSO8, PSO9, PSO11 CO1
Legend: <ul style="list-style-type: none"> • ST SUMMATIVE THEORY, • FT FORMATIVE THEORY, 		

	Outcome Evaluation (100 marks)	PO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1, PSO5, PSO8, PSO9, PSO11 CO1	84%
ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PSO5, PSO8, PSO9, PSO11 CO1	84%

ST	Objectives (50 x 1 = 50 marks)	PO1, PSO5, PSO8, PSO9, PSO11 CO1	84%
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Legend:

- ST SUMMATIVE THEORY,
- FT FORMATIVE THEORY,



Course Details:
MDS048 - Paper - III

Course Outcome		PO mapping
CO1	To have thorough theoretical knowledge about evidence based decision making in various treatment modalities, materials and protocols performed in children for their dental needs	PO1, PO3, PSO12,

	Outcome Evaluation (100 marks)	PO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1, PO3, PSO12, CO1
ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PO3, PSO12, CO1
ST	Objectives (50 x 1 = 50 marks)	PO1, PO3, PSO12, CO1

Legend:

- ST SUMMATIVE THEORY,
- FT FORMATIVE THEORY,

	Outcome Evaluation (100 marks)	PO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1, PO3, PSO12 CO1	85%
ST	Critical Appraisal Test (2 x 15 = 30 marks)	PO1, PO3, PSO12 CO1	85%
ST	Objectives (50 x 1 = 50 marks)	PO1, PO3, PSO12 CO1	85%

Legend:

- ST SUMMATIVE THEORY,

- FT FORMATIVE THEORY,



Course Details:
MDS058 - Practical

Course Outcome		PO mapping
CO1	To expertise in performing pulp therapy, post-endodontic restoration and preventive orthodontics as a qualified pediatric dental professional	PO1, PO2, PO4, PO6, PS01, PS02, PS03, PS04, PS06, PS07, PS09, PS010, PS011, PS013, PS014

	Outcome Evaluation (100 marks)	PO CO Mapping
SP	Practicals (80 marks) (Diagnose the clinical presentation, perform pulp therapy - pulpectomy; post-endodontic restoration - stainless steel crown; and preventive orthodontics - space maintainer fabrication)	PO1, PO2, PO4, PO6, PS01, PS02, PS03, PS04, PS06, PS07, PS09, PS010, PS011, PS013, PS014 CO1
SV	Viva (20 marks)	PO1, PO2, PO4, PO6, PS01, PS02, PS03, PS04, PS06, PS07, PS09, PS010, PS011, PS013, PS014 CO1
FC	Practical exercise activity score (Overall procedure count - 6000) DIAS Score on pediatric dental management (minimum required score 70000)	PO1, PO2, PO4, PO6, PS01, PS02, PS03, PS04, PS06, PS07, PS09, PS010, PS011, PS013, PS014 CO1

Legend:

- SP SUMMATIVE PRACTICAL,
- SV SUMMATIVE VIVA,
- FC FORMATIVE CLINICAL

	Outcome Evaluation (100 marks)	PO CO Mapping	Outcome Analysis 2021

SP	Practicals (80 marks) (Diagnose the clinical presentation, perform pulp therapy - pulpectomy; post-endodontic restoration - stainless steel crown; and preventive orthodontics - space maintainer fabrication)	PO1, PO2, PO4, PO6, PSO1, PSO2, PSO3, PSO4, PSO6, PSO7, PSO9, PSO10, PSO11, PSO13, PSO14 CO1	89%
SV	Viva (20 marks)	PO1, PO2, PO4, PO6, PSO1, PSO2, PSO3, PSO4, PSO6, PSO7, PSO9, PSO10, PSO11, PSO13, PSO14 CO1	89%
FC	Practical exercise activity score (Overall procedure count - 6000) DIAS Score on pediatric dental management (minimum required score 70000)	PO1, PO2, PO4, PO6, PSO1, PSO2, PSO3, PSO4, PSO6, PSO7, PSO9, PSO10, PSO11, PSO13, PSO14 CO1	89%
Legend: <ul style="list-style-type: none"> • SP SUMMATIVE PRACTICAL, • SV SUMMATIVE VIVA, • FC FORMATIVE CLINICAL 			

Course Details:
MDS068 - Grand viva

Course Outcome		PO mapping
CO1	To obtain communicating skills and showcase their knowledge in pediatric dentistry to patients and fellow dental practitioners	PO1, PO2, PO4, PO6, PSO1, PSO2, PSO3, PSO4, PSO6, PSO7, PSO9, PSO10, PSO11, PSO13, PSO14

	Outcome Evaluation (100 marks)	PO CO Mapping
SV	Viva (100 marks)	PO1, PO2, PO4, PO6, PSO1, PSO2, PSO3, PSO4, PSO6, PSO7, PSO9, PSO10, PSO11, PSO13, PSO14 CO1

Legend:

- SP SUMMATIVE PRACTICAL,
- SV SUMMATIVE VIVA,
- FC FORMATIVE CLINICAL

	Outcome Evaluation (100 marks)	PO CO Mapping	Outcome Analysis 2021
SV	Viva (100 marks)	PO1, PO2, PO4, PO6, PSO1, PSO2, PSO3, PSO4, PSO6, PSO7, PSO9, PSO10, PSO11, PSO13, PSO14 CO1	89%

Legend:

- SP SUMMATIVE PRACTICAL,
- SV SUMMATIVE VIVA,
- FC FORMATIVE CLINICAL

