

Saveetha Dental College

BDS SYLLABUS

Program Outcome BDS 1501	
PO1	Patient assessment, diagnosis, comprehensive treatment planning, prognosis and informed consent
PO2:	Screening and risk assessment for head and neck cancer
PO3:	Recognizing the complexity of patient treatment and identifying when referral is indicated
PO4	Health Promotion and disease prevention, including caries management
PO5	Local anesthesia, pain and anxiety control including consideration of the impact of prescribing practices and substance use disorder
PO6	Restoration of teeth
PO7	Communicating and managing dental laboratory procedures in support of patient care
PO8	Replacement of teeth including fixed, removable and dental implant prosthodontic therapies
PO9	Periodontal therapy
PO10	Pulpal therapy
PO11	Oral mucosal and osseous disorders
PO12	Hard and soft tissue surgery
PO13	Dental emergencies
PO14	Malocclusion and space management
PO15	Evaluation of the outcomes of treatment, recall strategies and prognosis
PO16	Understanding the normal biological process and the structure and function of the human body with special emphasis on the head and neck.
PO 17	Understanding the deviations in the normal biological process and the structure and function of the human body with special emphasis on the head and neck.

PO18	Communication with other health professionals, labs and technical experts to understand, interpret and include in the planning and management of various dental diseases and disorders.
PO 19	Widen intellectual horizons by researching new information and contributing to the existing literature with novel discoveries to enhance the quality of health care for the society.
PO 20	Develop fine motor skills to embrace the artistic aspects of orofacial therapy.

Course Details: BDS404: Conservative Dentistry and Endodontics		
Course Outcome		PO Mapping
CO1	Should have theoretical knowledge on principles of cavity preparation, direct and indirect restorative materials, disease of pulp and periradicular tissues, root canal therapy, post endodontic restorations, management of traumatic dental injuries, surgical endodontics	PO16
CO2	Ability to diagnose and formulate treatment plans for different carious lesions including deep carious lesions	PO1
CO3	Ability to diagnose and formulate treatment plans for different pulpal and periradicular diseases.	PO1
CO4	Ability to understand and formulate the treatment protocol for teeth affected due to trauma	PO1
CO5	Should have thorough knowledge in interpretation of dental radiographs including intraoral periapical radiographs and bitewing radiographs.	PO1
CO6	Should be able to administer local anesthesia for various restorative and endodontics clinical procedures	PO5
CO7	Should be skilled with the art of rubber dam isolation while performing both conservative and endodontic procedures.	PO20
CO8	Ability to manipulate and utilize various restorative and endodontic materials and equipments for clinical procedures	PO6
CO9	Clinical dexterity in performing various restorative and endodontic procedures	PO20
CO10	Should be competent in case selection and performing post endodontic	PO6

	restoration	
CO11	Should develop analytical skills and decision making in selection of appropriate restorative material based on the clinical condition	PO6
CO12	Should be competent in evidence based practices related to conservative dentistry and endodontics procedures	PO19
CO13	Should be proficient in pharmacotherapy following endodontic procedures	PO4
CO14	Should be able to communicate with patients effectively and educate them about treatment needs.	PO15
	Outcome Evaluation (500 marks) Total Score (200 Summative, 300 formative = 500 marks)	PO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1, PO4, PO5, PO6, PO10, PO13, CO1, CO2, CO3,CO4
ST	EBD Concept Map (1 x 5 = 5 marks)	PO1, PO6, PO10, PO13, PO15, CO1, CO2, CO3, CO4,CO11,CO12,CO13
ST	Objectives (90 x 0.5 = 45 marks)	PO1, PO4, PO5, PO6, PO10, PO13, CO1, CO2, CO3,CO4
SP	Practicals (90 marks) (Anterior tooth RCT, Class II amalgam restoration, Class III/IV LCR)	PO1, PO5, PO6, PO10, PO20 CO1, CO2, CO3, CO6, CO7, CO8, CO9, CO11
SV	Viva (20 marks)	PO1, PO5, PO6, PO10, CO1, CO2, CO3, CO4, CO5, CO6, CO11, CO12, CO13

FT	Weighted percentile scores of Periodic Tests converted for 50+20 marks	PO1, PO5, PO6, PO10, PO20 CO1, CO2, CO3, CO4, CO5,CO6,CO11,CO12,CO13
FT	Mean ARMS daily participation score converted for 100 marks.	PO1, PO3, PO4, PO5, PO6, PO7, PO10, PO13, PO15, PO18, PO20 CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10, CO11, CO12, CO13, CO14
FC	Practical exercise activity score - 100 marks Documentations of best cases (Class I Amalgam restoration 10, Class II Amalgam 10, Class I LCR 10, LCR Class III/IV 15, Class V LCR 5, Anterior RCT 8, Premolar RCT 2, Molar RCT 2, FVC 1, FRC 1, Inlay 1, Bonded Amalgam 1) (100 marks), DIAS Score on conservative and endodontic patient management care (minimum required score 2500 ~ equivalent to treating 150 patients).	PO1, PO5, PO6, PO7, PO10, PO13, PO15, PO18, PO20 CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10, CO11, CO12, CO13, CO14
FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO19, CO1,CO11,CO12
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: BDS404: Conservative Dentistry and Endodontics

Outcome Analysis

	Outcome Evaluation (500 marks) Total Score (200 Summative, 300 formative = 500 marks)	PO CO Mapping	Outcome Analysis 2021
ST	Concept Map (4 x 5 = 20 marks)	PO1, PO4, PO5, PO6, PO10, PO13, CO1, CO2, CO3,CO4	86
ST	EBD Concept Map (1 x 5 = 5 marks)	PO1, PO6, PO10, PO13, PO15, CO1, CO2, CO3, CO4,CO11,CO12,CO13	85
ST	Objectives (90 x 0.5 = 45 marks)	PO1, PO4, PO5, PO6, PO10, PO13, CO1, CO2, CO3,CO4	92
SP	Practicals (90 marks) (Anterior tooth RCT,Class II amalgam restoration,Class III/IV LCR)	PO1, PO5, PO6, PO10, PO20 CO1, CO2,CO3, CO6, CO7, CO8, CO9,CO11	88
SV	Viva (20 marks)	PO1, PO5, PO6, PO10, CO1, CO2, CO3, CO4, CO5, CO6, CO11, CO12, CO13	19
FT	Weighted percentile scores of Periodic Tests converted for 50+20 marks	PO1, PO5, PO6, PO10, PO20 CO1, CO2, CO3, CO4, CO5,CO6,CO11,CO12,CO13	89
FT	Mean ARMS daily participation score	PO1, PO3, PO4, PO5, PO6, PO7, PO10, PO13, PO15,	89

	converted for 100 marks.	PO18, PO20 CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10, CO11, CO12, CO13, CO14	
FC	Practical exercise activity score - 100 marks Documentations of best cases (Class I Amalgam restoration 10, Class II Amalgam 10, Class I LCR 10, LCR Class III/IV 15, Class V LCR 5, Anterior RCT 8, Premolar RCT 2, Molar RCT 2, FVC 1, FRC 1, Inlay 1, Bonded Amalgam 1) (100 marks), DIAS Score on conservative and endodontic patient management care (minimum required score 2500 ~ equivalent to treating 150 patients).	PO1, PO5, PO6, PO7, PO10, PO13, PO15, PO18, PO20 CO1, CO2, CO3, CO4, CO5, CO6, CO7, CO8, CO9, CO10, CO11, CO12, CO13, CO14	89
FR C	Research poster / paper presentation / publication scores, and awards - 50 marks	PO19, CO1,CO11,CO12	40
Legend:			
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