

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)
PO CO mapping for BDS (1501)

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.
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Course Details: BDS106: Behaviour Science		
Course Outcome		PO Mapping
CO1	To gain in-depth knowledge on theories of psychology, behavioural learning, Personality and ethical considerations pertaining to sociology	PO1
CO2	Develop skills that are essential to lead and participate effectively in group discussions and interpersonal communications	PO4
CO3	Should have basic skills on diagnosing and arriving at appropriate treatment plan for oral diseases, from an empathetic standpoint.	PO3
CO4	Application of theoretical knowledge to establish sound communication skills with the patients, peers and persons on different sectors of society	PO1
CO5	Ability to counsel patients with respect to tobacco cessation, nutritional counseling, oral health education and application of relevant rating scales	PO3
CO6	Application of ethical standards of the professions of psychology, sociology and behavioural management in research and practice	PO19
CO7	Strategies to manage fear and anxiety and phobia towards dental treatment	PO3

	Outcome Evaluation (500 marks) Total Score (200 Summative, 300 formative = 500 marks)	PO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1, CO1,CO7,CO5
ST	EBD Concept Map (2 x 15 = 30 marks)	PO1,PO3, PO7, PO19, CO1,CO3,CO5,CO6,CO7
ST	Objectives (50 x 1 = 50 marks)	PO1, PO4, PO19,CO1,CO2, CO5,CO6,CO7
SP	Practical's (90 marks) Case presentation(50), Antitobacco counselling(20), Anxiety rating scale (20)	CO1, CO3, CO4, CO5, CO6, CO7, PO1,PO2,PO3, PO4,PO15
SV	Viva (20 marks)	CO1, CO3, CO4, CO5, CO6, CO7, PO1,PO2,PO3, PO4,PO15
FT	Weighted percentile scores of Periodic Tests converted for 50+20 marks	CO1, CO3, CO4, CO5, CO6, CO7, PO1,PO2,PO3, PO4,PO15
FT	Mean ARMS daily participation score converted for 100 marks.	CO1, CO3, CO4, CO5, CO6, CO7, PO1,PO2,PO3, PO4,PO15
FC	Practical exercise activity score - 100 marks Case history(20), Antitobacco counselling(20), Anxiety rating scale (20), health education (20), diet counselling (20)	CO1, CO3, CO4, CO5, CO6, CO7, PO1,PO2,PO3, PO4,PO15
FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO19, CO1, 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: BDS106: Behaviour Science			
Outcome Analysis			
	Outcome Evaluation (500 marks) Total Score (200 Summative, 300 formative = 500 marks)	PO CO Mapping	Outcome Analysis 2021 in percentage
ST	Concept Map (4 x 5 = 20 marks)	PO1, CO1,CO7,CO5	81
ST	EBD Concept Map (1 x 5 = 5 marks)	PO1,PO3, PO7, PO19,CO1,CO3,CO5,CO6,CO7	81
ST	Objectives (90 x 0.5 = 45 marks)	PO1, PO4, PO19,CO1,CO2,CO5,CO6,CO7	81
SP	Practicals (90 marks) Case presentation(50), Antitobacco counselling(20), Anxiety rating scale (20)	CO1, CO3, CO4, CO5, CO6, CO7, PO1,PO2,PO3, PO4,PO15	86
SV	Viva (20 marks)	CO1, CO3, CO4, CO5, CO6, CO7, PO1,PO2,PO3, PO4,PO15	90
FT	Weighted percentile scores of Periodic Tests converted for 50+20 marks	CO1, CO3, CO4, CO5, CO6, CO7, PO1,PO2,PO3, PO4,PO15	70

FT	Mean ARMS daily participation score converted for 100 marks.	CO1, CO3, CO4, CO5, CO6, CO7, PO1,PO2,PO3, PO4,PO15	70
FC	Practical exercise activity score - 100 marks Case history(20), Antitobacco counselling(20), Anxiety rating scale (20), health education (20), diet counselling (20)	CO1, CO3, CO4, CO5, CO6, CO7, PO1,PO2,PO3, PO4,PO15	70
FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO19, CO1, CO5, CO6	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: BDS408: Public Health dentistry		
Course Outcome		PO Mapping
CO1	Dental graduates should have basic knowledge on community oriented health sciences including public health, dental public health and preventive dentistry.	PO4
CO2	Should have basic skills on diagnosing and arriving at an appropriate treatment plan for oral diseases.	PO3
CO3	Ability to provide community diagnosis for various prevailing oral diseases	PO1
CO4	Should be able to establish sound communication skills with patients and enlighten them about the importance of maintaining good oral health	PO4
CO5	Should have basic skills in measuring the severity of oral diseases through various dental indices.	PO15
CO6	Develop knowledge and expertise in recent advances and evidence based practices related to various treatment measures.	PO19
CO7	To provide preventive care in dentistry which includes pit and fissure sealant, topical fluorides, in a competent and ethical manner which will contribute to the oral health and general wellbeing of the individual and community	PO6
CO8	Dental graduate with ability to efficiently communicate and counsel patients with respect to tobacco cessation and nutrition.	PO4

CO9	Develop awareness and sensitivity for the scope of dental health needs in the community through various outreach activities.	PO4
Outcome Evaluation (500 marks)		PO CO Mapping
Total Score (200 Summative, 300 formative = 500 marks)		
ST	Concept Map (4 x 5 = 20 marks)	PO1, PO3, PO4, PO6, PO19, CO1, CO5, CO7
ST	EBD Concept Map (2 x 15 = 30 marks)	PO1, PO4, PO19, PO15, CO6, CO7
ST	Objectives (50 x 1 = 50 marks)	PO1, PO4, PO3, PO6, PO13, PO19, CO1, CO3, CO6, CO7, CO8, CO9
SP	Practicals (90 marks) Case presentation(50), Indices(20), Community diagnosis and treatment plan(20)	PO1, CO2, CO3, CO4, CO5, CO7
SV	Viva (20 marks)	PO1, CO2, CO3, CO4, CO5, CO7
FT	Weighted percentile scores of Periodic Tests converted for 50+20 marks	PO1, PO4, PO3, PO6, PO13, PO19, CO1, CO3, CO6, CO7, CO8, CO9
FT	Mean ARMS daily participation score converted for 100 marks.	PO1, PO4, PO3, PO6, PO13, PO19, CO1, CO3, CO6, CO7, CO8, CO9
FC	Practical exercise activity score - 100 marks Case history(15), Indices (10), Preventive procedures (20), Health education(5), Antitobacco counselling (5), Dental camp(20), Awareness program (5), Documentation (10), Research publication(10)	PO1, PO4, PO3, PO6, PO13, PO19, CO1, CO3, CO6, CO7, CO8, CO9
FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO19, CO1, CO5, CO7
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: BDS408: Public Health dentistry			
Outcome Analysis			
	Outcome Evaluation (500 marks) Total Score (200 Summative, 300 formative = 500 marks)	PO CO Mapping	Outcome Analysis 2021 in percentage
ST	Concept Map (4 x 5 = 20 marks)	PO1, PO3, PO4, PO6, PO19, CO1, CO5, CO7	65
ST	EBD Concept Map (1 x 5 = 5 marks)	PO1, PO4, PO19, PO15, CO6, CO7	65
ST	Objectives (90 x 0.5 = 45 marks)	PO1, PO4, PO3, PO6, PO13, PO19, CO1, CO3, CO6, CO7, CO8, CO9	65
SP	Practicals (90 marks) Case presentation(50), Indices(20), Community diagnosis and treatment plan(20)	PO1, CO2, CO3, CO4, CO5, CO7	65
SV	Viva (20 marks)	PO1, CO2, CO3, CO4, CO5, CO7	90

FT	Weighted percentile scores of Periodic Tests converted for 50+20 marks	PO1, PO4, PO3, PO6, PO13, PO19, CO1,CO3, CO6,CO7, CO8, CO9	58
FT	Mean ARMS daily participation score converted for 100 marks.	PO1, PO4, PO3, PO6, PO13, PO19, CO1,CO3, CO6,CO7, CO8, CO9	58
FC	Practical exercise activity score - 100 marks Case history(15), Indices (10), Preventive procedures (20),Health education(5), Antitobacco counselling (5), Dental camp(20), Awareness program (5), Documentation (10),Research publication(10)	PO1, PO4, PO3, PO6, PO13, PO19, CO1,CO3, CO6,CO7, CO8, CO9	58
FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO19, CO1, CO5, CO7	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 			