

Saveetha Institute of Medical and Technical Science

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 Institute of Medical and Technical Sciences (SIMATS)

PO CO mapping for BDS(1501)

Program Outcome BDS 1501	
PO 1	Patient assessment, diagnosis, comprehensive treatment planning, prognosis and informed consent
PO 2	Screening and risk assessment for head and neck cancer
PO 3	Recognizing the complexity of patient treatment and identifying when referral is indicated
PO 4	Health Promotion and disease prevention, including caries management
PO 5	Local anesthesia, pain and anxiety control including consideration of the impact of prescribing practices and substance use disorder
PO 6	Restoration of teeth
PO 7	Communicating and managing dental laboratory procedures in support of patient care
PO 8	Replacement of teeth including fixed, removable and dental implant prosthodontic therapies
PO 9	Periodontal therapy
PO 10	Pulpal therapy
PO 11	Oral mucosal and osseous disorders
PO 12	Hard and soft tissue surgery
PO 13	Dental emergencies
PO 14	Malocclusion and space management
PO 15	Evaluation of the outcomes of treatment, recall strategies and prognosis
PO 16	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.
PO 18	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: BDS403: PERIODONTICS		
Course Outcome		PO CO MAPPING
CO 1	Should have integrated knowledge and understanding on normal structure of periodontium, etiopathogenesis of periodontal diseases, diseases affecting the periodontium and the various non surgical and surgical treatment options.	PO 9
CO 2	skill to examine and evaluate the periodontium and differentiate periodontal health from disease.	PO 1, PO 9
CO 3	Should be able to assess the prognosis and formulate the treatment plan for the periodontal disease.	PO 1, PO 9
CO 4	should be able to perform non surgical periodontal therapy and minor periodontal surgical procedures.	PO 7, PO 9, PO 20
CO 5	Should be competent in analyzing the various treatment options and justify the rationale with evidence.	PO 9
CO 6	should be competent in communicating and should be able to educate the patient about various oral hygiene measures.	PO 9
CO 7	Should have sufficient knowledge in understanding the severity of disease and to	PO 3, PO 9

	refer to a periodontist	
	Outcome Evaluation (500 marks) Total Score (200 Summative, 300 formative = 500 marks)	PO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO 9 CO1, CO2, CO 5, CO 7.
ST	EBD Concept Map (1 x 5 = 5 marks)	PO 9,PO 19 CO1, CO2,CO5
ST	Objectives (90 x 0.5 = 45 marks)	PO 1, PO 9, CO1, CO2, CO5
SP	Practicals (90 marks) (Case history taking, case presentation and oral prophylaxis)	PO1, PO3, PO4, PO5, PO6, PO7,PO9 CO2, CO3, CO4, CO5, CO6, CO7
SV	Viva (20 marks)	PO1 PO 9 CO1, CO2, CO5
FT	Weighted percentile scores of Periodic Tests converted for 50+20 marks	PO1, PO 9 CO1, CO2, CO5
FT	Mean ARMS daily participation score converted for 100 marks.	PO 1, PO 3, PO 4, PO 5, PO 6, PO 7,PO 5, PO 13, PO 9, CO 1, CO 2, CO 3, CO 4, CO 5, CO 6, CO 7
FC	Practical exercise activity score - 100 marks Documentations of best cases 25 (100 marks), DIAS Score on periodontal patient management care (minimum required score 4000 ~ equivalent to treating 30 patients).	PO2, PO3, PO4, PO5, PO6, PO7,PO5, PO13, PO 9, CO2, CO3, CO4, CO5 CO6, CO7
FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO19, CO1, 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

Course Details: BDS403: PERIODONTICS

Outcome Analysis

	Outcome Evaluation (500 marks)	PO CO Mapping	Outcome Analysis 2021 (Percentage)
	Total Score (200 Summative, 300 formative = 500 marks)		
ST	Concept Map (4 x 5 = 20 marks)	PO1, PO 16, PO 17 CO1, CO2, CO5, CO7	75
ST	EBD Concept Map (1 x 5 = 5 marks)	PO1, PO 19, CO1, CO2, CO5,	72
ST	Objectives (90 x 0.5 = 45 marks)	PO1, PO 16, PO 17, CO1, CO2, CO5	75
SP	Practicals (90 marks) (Case history taking, case presentation and oral prophylaxis)	PO1, PO3, PO4, PO5, PO6, PO7, PO8, PO13, PO15, CO2, CO3, CO4, CO5, CO6, CO7	74
SV	Viva (20 marks)	PO1, CO1, CO2, CO5	82
FT	Weighted percentile scores of Periodic	PO1, CO1, CO2, CO5	77

	Tests converted for 50+20 marks		
FT	Mean ARMS daily participation score converted for 100 marks.	PO1, PO3, PO4, PO5, PO6, PO7, PO8, PO13, PO15, CO1, CO2, CO3, CO4, CO5, CO6, CO7	74
FC	Practical exercise activity score - 100 marks Documentations of best cases 25 (100 marks), DIAS Score on periodontal patient management care (minimum required score 4000 ~ equivalent to treating 30 patients).	PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO13, PO15, CO2, CO3, CO4, CO5 CO6, CO7	85
FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO19, CO1, CO5	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 			