

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.
PO 20	Develop fine motor skills to embrace the artistic aspects of orofacial therapy.

Course Details: BDS405: Orthodontics & Dentofacial Orthopedics		
Course Outcome		PO Mapping
CO1	Understand and Pinpoint aberrations about normal growth and development of facial skeleton and dentition.	PO1, PO4, PO14, PO16, PO17
CO2	Diagnose the various malocclusion categories including cephalometric & model analysis.	PO4, PO14
CO3	Able to motivate and explain to the patient (and parent) about the necessity of treatment	PO1, PO3, PO4
CO4	Have knowledge about metallurgy and ability to do wire bending exercises.	PO14, PO20
CO5	Plan and execute preventive orthodontics (space maintainers or space regainers), interceptive orthodontics (habit breaking appliances) and Corrective orthodontics (Removable & Fixed Appliances)	PO4, PO14, PO18, PO20
CO6	Handle delivery, activation & periodic review of Removable & Fixed Appliances.	PO7, PO14, PO15, PO20
CO7	Diagnose and appropriately refer patients with complex malocclusion to the specialist	PO1, PO3
CO8	Should be competent in Evidence based practices related to Orthodontic Procedures.	PO1, PO14, PO19

Result Analysis :

Course Details: BDS405: Orthodontics & Dentofacial Orthopedics			
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, PO14, PO16, PO17 CO1, CO5, CO2, CO6,	64.8%
ST	EBD Concept Map (1 x 5 = 5 marks)	PO1, PO4, PO14, PO19 CO1, CO2, CO5, CO6, CO8.	64.8%
ST	Objectives (90 x 0.5 = 45 marks)	PO1, PO14, PO16, PO17 CO1, CO2, CO5, CO6,	64.8%
SP	Practicals (90 marks) (CBD, FPD Diagnosis, TTT Plan, Prep Temporization, CD Case Review)	PO1, PO14, PO15, PO20 CO1, CO2, CO3, CO4, CO7	75.12%

SV	Viva (20 marks)	PO1, PO4, PO14, PO16, PO17, PO19 CO1, CO2, CO8	76.05%
FT	Weighted percentile scores of Periodic Tests converted for 50+20 marks	PO1, PO4, PO14, PO16, PO17 CO1, CO2, CO5.	75.71%
FP	Mean ARMS daily participation score converted for 100 marks.	PO1, PO4, PO14, PO16, PO17 CO1, CO2, CO5.	75.89%
FC	Practical exercise activity score - 100 marks Documentations of best cases CD 3, FPD 8, CPD 10, Occlusal Splint 1 (100 marks), DIAS Score on prosthodontic patient management care (minimum required score 4000 ~ equivalent to treating 30 patients).	PO1, PO3, PO4, PO7, PO14, PO15, PO20 CO2, CO3, CO4, CO5, CO6, CO7.	58.28
FR C	Research poster / paper presentation / publication scores, and awards - 50 marks	PO1, PO19 CO1, CO2, CO8	77.28%
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 			