

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: BDS208: Dental Armamentarium		
Course Outcome		PO Mapping
CO1	Should have theoretical knowledge about the armamentarium used in dentistry, ergonomics and design of dental laboratory, dental chair, its positions, assistant duties and chair position	PO5,PO6
CO2	Should practice Infection control, isolation of the operating field and magnification.	PO6.PO9,PO10
CO3	Should gain knowledge of basic principles of Instrument transfer and Four handed dentistry.	PO4, PO6, PO10
CO4	Should have thorough knowledge of basic armamentarium, its identification and uses in general dentistry	PO5,PO6,PO7,PO8,PO9, PO10,PO11,PO12,PO13, PO14
CO5	Should expertise in materials used in dentistry with its properties and its uses in different branches of dentistry.	PO5,PO6,PO7,PO8,PO9, PO10,PO11,PO12,PO13, PO14
CO6	Should be competent in Evidence based practices related to Materials used in different branches of Dentistry.	PO5,PO6,PO7,PO8,PO9, PO10,PO11,PO12,PO13, PO14,PO19

	Outcome Evaluation (500 marks) Total Score (200 Summative, 300 formative = 500 marks)	PO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12, PO13,PO14 CO1,CO2,CO3,CO4,CO5
ST	EBD Concept Map (1 x 5 = 5 marks)	PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12, PO13,PO14 CO6
ST	Objectives (90 x 0.5 = 45 marks)	PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12, PO13,PO14 CO1,CO2,CO3,CO4,CO5
SP	Practicals (90 marks) (Instruments and Materials & its identification, Tray set up, Suturing Techniques)	PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12, PO13,PO14 CO4,CO5
SV	Viva (20 marks)	PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12, PO13,PO14 CO1,CO2,CO3,CO4,CO5
FT	Weighted percentile scores of Periodic Tests converted for 50+20 marks	PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12, PO13,PO14 CO1,CO2,CO3,CO4,CO5
FT	Mean ARMS daily participation score converted for 100 marks.	PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12, PO13,PO14 CO1,CO2,CO3,CO4,CO5
FC	Practical exercise activity score - 100 marks (Instrument identification Uses of instruments Identification of materials and uses, Tray set up, Suturing Techniques)	PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12, PO13,PO14 CO4,CO5

FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12,PO13,PO14,PO19 CO6
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Legend:

- 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: BDS208: Dental Armamentarium			
Outcome Analysis			
	Outcome Evaluation (500 marks) Total Score (200 Summative, 300 formative = 500 marks)	PO CO Mapping	Outcome Analysis 2021
ST	Concept Map (3 x 5 = 15 marks)	PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12,PO13,PO14 CO1,CO2,CO3,CO4,CO5	85
ST	EBD Concept Map (1 x 5 = 5 marks)	PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12,PO13,PO14 CO6	87
ST	Objectives (50 X 1 = 50 marks)	PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12,PO13,PO14 CO1,CO2,CO3,CO4,CO5	82

SP	Practicals (90 marks) (Instruments and Materials & its identification, Tray set up, Suturing Techniques)	PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12,PO13,PO14 CO4,CO5	87
SV	Viva (20 marks)	PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12,PO13,PO14 CO1,CO2,CO3,CO4,CO5	19
FT	Weighted percentile scores of Periodic Tests converted for 50+20 marks	PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12,PO13,PO14 CO1,CO2,CO3,CO4,CO5	88
FT	Mean ARMS daily participation score converted for 100 marks.	PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12,PO13,PO14 CO1,CO2,CO3,CO4,CO5	88
FC	Practical exercise activity score - 100 marks (Instrument identification Uses of instruments Identification of materials and uses, Tray set up, Suturing Techniques)	PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12,PO13,PO14 CO4,CO5	88
FR C	Research poster / paper presentation / publication scores, and awards - 50 marks	PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12,PO13,PO14,PO19 CO6	40
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 			