

# 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.

Course Details: BDS409: IMPLANTOLOGY		
Course Outcome		PO Mapping
CO1	Should have theoretical knowledge on implantology including implant designs, surgical aspects ,prosthetic aspects and maintenance of implants.	PO8,PO7, PO12
CO2	Ability to diagnose and formulate treatment plans for all manners of edentulous clinical scenarios	PO8
CO3	Clinical dexterity in surgical procedures for implant placements, implant related impressions and implant prosthesis delivery.	PO12
CO4	Ability to manipulate and utilize dental materials for chair side and laboratory procedures	PO7,PO16
CO5	Ability to identify prosthetic components in implantology	PO8
CO6	Should be competent in evidence based practices related to implant procedures	PO19
CO7	Should be able to administer local anesthesia for various implant clinical procedures	PO5
CO8	Should be able to communicate with patients effectively and educate them about treatment needs.	PO1,PO4
	<b>Outcome Evaluation ( 500 marks)</b> Total Score ( 180 Summative, 320 formative = 500 marks)	<b>PO CO Mapping</b>
ST	Concept Map (4 x 5 = 20 marks)	CO1, CO2, CO5, CO7 PO1, PO 16, PO 17
ST	Fill in the blanks (50 x 1 = 50 marks)	CO1, CO2, CO5

		PO1, PO 16, PO 17
SP	Practical's (90 marks)  (Case based discussion, Implant Diagnosis and Treatment Plan, Implant Case Review)	CO2, CO3, CO4, CO5, CO6, CO7,CO8  PO1, PO3, PO4, PO5, PO6, PO7, PO8, PO13, PO15
SV	Viva (20 marks)	PO1  CO1, CO2, CO5
FT	Weighted percentile scores of Periodic Tests converted for 50+20 marks	CO1, CO2, CO5  PO1
FT	Mean ARMS daily participation score converted for 100 marks.	CO1, CO2, CO3, CO4, CO5, CO6, CO7,CO8  PO1, PO3, PO4, PO5, PO6, PO7, PO8, PO13, PO15
FC	Practical exercise activity score - 100 marks  Documentations of 5 implant (100 marks),  DIAS Score on implant patient management care ( minimum required score 375 ~ equivalent to treating 5 patients).	CO2, CO3, CO4, CO5 CO6, CO7,CO8  PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO13, PO15
FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	CO1, CO5  PO19

**Legend:**

- ST SUMMATIVE THEORY,
- SP SUMMATIVE PRACTICAL,
- SV SUMMATIVE VIVA,
- FT FORMATIVE THEORY,
- FP FORMATIVE PRACTICAL,
- FC FORMATIVE CLINICAL

FRC FORMATIVE RESEARCH - CO-CURRICULAR