

# 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: BDS201: General & Dental Pharmacology		
Course Outcome		
CO1	Should have theoretical knowledge on General Pharmacology - Different dosage forms, various routes of administration, pharmacokinetics, Pharmacodynamics and adverse effects of drugs in general and dental practice	PO1
CO2	Should have theoretical knowledge on Systemic Pharmacology ( Drugs acting on CNS, PNS, ANS, CVS, RESPIRATORY, CVS, GIT, ENDOCRINE )	PO3, PO5, PO13, PO17
CO3	Should have Knowledge on drugs used for Chemotherapy of Infections (Bacterial, fungal, Viral ) and Cancer therapy	PO18
CO4	To have a strong foundation on Dental Pharmacology ( Knowledge about mouthwashes, dentifrices, astringents, obtundents, disclosing solutions )	PO 9
CO5	Explain drug dosage, Indications, contraindications, Fixed combination drugs, Drug interactions, antidotes, Pharmacovigilance, emergency drugs	PO1, PO15
CO6	To Inculcate the knowledge of Pharmacology to Practice in Dental Clinic	PO1, PO 13
CO7	To critically appreciate Rational drug therapy in clinical practice	PO1, PO13, PO17

	Outcome Evaluation ( 500 marks) Total Score ( 200 Summative, 300 formative = 500 marks)	PO CO Mapping
ST	Concept Map (4 x 5 = 20 marks)	PO1, PO5, PO 16, PO 17 CO1, CO2, CO3, CO4, CO5, CO6, CO7
ST	EBD Concept Map (1 x 5 = 5 marks)	PO1, PO 19 CO3
ST	Objectives (90 x 0.5 = 45 marks)	PO1, PO5, PO 17 CO1, CO2, CO3, CO4, CO5, CO6, CO7
SP	Practicals (90 marks) ( Dental Preparations, Spotters, Prescription writing )	PO1, PO 18 CO1 , CO3, CO4, CO5, CO6, CO7
SV	Viva (20 marks)	PO1, PO5 CO1, CO2, CO3, CO4, CO5, CO6, CO7
FT	Weighted percentile scores of Periodic Tests converted for 50+20 marks	PO1 CO1, CO2, CO3, CO4, CO5
FT	Mean ARMS daily participation score converted for 100 marks.	PO1, PO5 CO1, CO2, CO3, CO4, CO5, CO6, CO7
FC	Practical exercise activity score - 100 marks	PO1, PO5 CO2, CO3, CO4, CO5 CO6, CO7
FRC	Research poster / paper presentation / publication scores, and awards - 50 marks	PO19 CO1, CO2, CO3

**Legend:**

- 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: BDS406: Prosthodontics and Crown and Bridge			
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, PO5, PO 16, PO 17  CO1, CO2, CO3, CO4, CO5, CO6, CO7	66.54
ST	EBD Concept Map (1 x 5 = 5 marks)	PO1, PO 19  CO3	66.54
ST	Objectives (90 x 0.5 = 45 marks)	PO1, PO5, PO 17  CO1, CO2, CO3, CO4, CO5, CO6, CO7	66.54
SP	Practicals (90 marks)  ( Dental Preparations, Spotters, Prescription writing )	PO1, PO 18  CO1 , CO3, CO4, CO5, CO6, CO7	87.9
SV	Viva (20 marks)	PO1, PO5  CO1, CO2, CO3, CO4, CO5, CO6, CO7	81.4
FT	Weighted percentile scores of Periodic Tests converted for 50+20 marks	PO1  CO1, CO2, CO3, CO4, CO5	70.76
FT	Mean ARMS daily participation score converted for 100 marks.	PO1, PO5  CO1, CO2, CO3, CO4, CO5, CO6, CO7	70.76

FC	Practical exercise activity score - 100 marks	PO1, PO5 CO2, CO3, CO4, CO5 CO6, CO7	70.76
FR C	Research poster / paper presentation / publication scores, and awards - 50 marks	PO19 CO1, CO2, CO3	77.4
<b>Legend:</b> <ul style="list-style-type: none"> <li>• ST SUMMATIVE THEORY,</li> <li>• SP SUMMATIVE PRACTICAL,</li> <li>• SV SUMMATIVE VIVA,</li> <li>• FT FORMATIVE THEORY,</li> <li>• FP FORMATIVE PRACTICAL,</li> <li>• FC FORMATIVE CLINICAL</li> <li>• FRC FORMATIVE RESEARCH - CO-CURRICULAR</li> </ul>			