



# YOGITA DENTAL COLLEGE AND HOSPITAL

REGD NO MAH F -1588 RATNAGIRI

(Recognized by Dental Council of India, New Delhi & Affiliated to Maharashtra University of Health Science, Nashik)

COURSE OUTCOME	
NAME OF THE PRAGRAMME	BDS
NAME OF THE COURSE	CONSERVATIVE DENTISTRY AND ENDODONTICS

CO	Blooms Taxonomy Level	DEFINATION	PO Mapping
CO 1	Level 3	Define and Classify Disease of teeth, interpret diagnostic procedures and advise treatment plans.	PO1, PO2, PO3, PO8
CO 2	Level 3	Execute Class I cavity preparation on patients with the knowledge on fundamentals and armamentarium for different restorative materials.	PO1, PO2, PO3, PO4
CO 3	Level 3	Implement effective communication empathetically with patients to gain trust and goodwill to motivate the patient for proper dental treatment and oral hygiene.	PO1, PO7, PO8
CO 4	Level 3	Execute Class II cavity preparation on patients with the knowledge C04 POZ, PO3, on fundamentals and armamentarium for different restorative pow. POS materials.	PO1, PO2, PO3, PO4, PO8
CO 5	Level 2	Classify various vital pulp therapies and list different types of CO5 medicaments used.	PO1, PO2, PO3, PO4, PO5, PO6, PO7
CO 6	Level 2	Explain various treatment modalities of discolored tooth	PO1, PO3, PO6, PO7
CO 7	Level 2	Elaborate on traumatic injuries and endodontic surgery	PO1, PO2, PO3, PO4, PO5, PO6
CO 8	Level 4	Application of current knowledge to update professional skill PO6.PO7. P08 f rom time to time	PO6, PO7, PO8





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COURSE OUTCOME	
NAME OF THE PRAGRAMME	BDS
NAME OF THE COURSE	PAEDIATRIC AND PREVENTIVE DENTISTRY

CO	Blooms Taxonomy Level	DEFINATION	PO Mapping
CO 1	Level 1	Define the dynamics of growth and development from birth to adolescence.	PO1, PO2, PO3
CO 2	Level 2	Outline the basic principles of prevention and preventive dentistry from birth to adolescence.	PO1, PO2, PO3, PO5
CO 3	Level 4	Categorize age appropriate comprehensive treatment procedures in various dental diseases including dental materials used in primary, Young permanent teeth and permanent teeth.	PO1, PO2, PO3, PO4, PO5, PO8
CO 4	Level 2	Classify pharmacological and non-pharmacological behavior management in pediatric dental treatment.	PO1, PO3, PO4, PO5
CO 5	Level 2	Plan the customized need for treatment of congenitally, physically and mentally disabled children effectively and efficiently.	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8
CO 6	Level 3	Develop the positive attitude in children towards oral health.	PO2, PO3, PO6, PO7



# SHIVTEJ AROGYA SEVA SANSTHA'S



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COURSE OUTCOME	
NAME OF THE PROGRAMME	BDS
NAME OF THE COURSE	PERIODONTOLOGY

CO	Blooms Taxonomy Level	DEFINATION	PO Mapping
CO 1	Level 1	Explains the structures, growth, development & Ultra structure of Human Periodontium	PO1, PO2, PO3
CO 2	Level 2	Interprets Periodontal & Peri-implant disease based on etiopathogenesis, classification & Epidemiology	PO1, PO2, PO3
CO 3	Level 4	Interprets the diagnosis & prognosis of Periodontal & Peri-implant disease with occlusal analysis	PO1, PO2, PO3
CO 4	Level 2	Apply the principles of surgical & non-surgical periodontal therapy in management of Periodontal & Peri-implant disease within bioethics	PO4, PO5, PO6, PO7, PO8
CO 5	Level 2	Demonstrates instrumentation skills during oral prophylactic procedures aimed at achieving Periodontal & occlusal health	PO4, PO5, PO6, PO7, PO8
CO 6	Level 3	Compares the outcome of therapeutic interventions in management of Periodontal & Peri-implant disease	PO4, PO5, PO6, PO7, PO8





COURSE OUTCOME	
NAME OF THE PRAGRAMME	BDS
NAME OF THE COURSE	PROSTHODONTICS AND CROWN AND BRIDGE

CO	Blooms Taxonomy Level	DEFINATION	PO Mapping
CO 1	Level 5	To assess clinical and radiographic diagnosis, and formulate the treatment planning in partially and completely edentulous patients.	PO1, PO2, PO3, PO4, PO7
CO 2	Level 3	To determine the principles and concepts associated with complete removable prosthodontics.	PO1, PO2, PO3, PO4, PO5, PO7, PO8
CO 3	Level 3	To determine the principles and concepts associated with Partial Removable prosthodontics.	PO1, PO2, PO3, PO4, PO5, PO7, PO8
CO 4	Level 2	To summarize biological, esthetic, and mechanical principles in tooth preparation.	PO1, PO2, PO3, PO4, PO5, PO7, PO8
CO 5	Level 5	To assess and validate all clinical and laboratory steps essential for the fabrication of removable prosthesis.	PO1, PO2, PO3, PO4, PO5, PO7, PO8
CO 6	Level 2	To compare and categorize new methods, techniques, and recent advances in Prosthodontics.	PO1, PO2, PO3, PO7, PO8
CO 7	Level 2	To interpret elementary knowledge regarding implant dentistry and maxillofacial Prosthodontics.	PO1, PO2, PO3, PO7, PO8





COURSE OUTCOME	
NAME OF THE PROGRAMME	BDS
NAME OF THE COURSE	PUBLIC HEALTH DENTISTRY

CO	Blooms Taxonomy Level	DEFINATION	PO Mapping
CO 1	Level 1	Define the dynamics of growth and development from birth to adolescence.	PO1, PO2, PO3
CO 2	Level 2	Outline the basic principles of prevention and preventive dentistry from birth to adolescence.	PO1, PO2, PO3, PO5
CO 3	Level 4	Categorize age appropriate comprehensive treatment procedures in various dental diseases including dental materials used in primary, young permanent teeth and permanent teeth.	PO1, PO2, PO3, PO4, PO5, PO7, PO8
CO 4	Level 2	Classify pharmacological and non-pharmacological management in pediatric dental treatment.	PO1, PO2, PO3, PO4, PO5, PO8
CO 5	Level 2	Plan the customized need for treatment of congenitally, physically and mentally disabled children effectively and efficiently.	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8
CO 6	Level 3	Develop the positive attitude in children towards oral health.	PO2, PO3, PO6, PO7



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COURSE OUTCOME	
NAME OF THE PROGRAMME	BDS
NAME OF THE COURSE	ORAL PATHOLOGY AND MICROBIOLOGY

CO	Blooms Taxonomy Level	DEFINATION	PO Mapping
CO 1	Level 2	Explain the etiology, clinical, histopathological and applied aspects of developmental disturbances, regressive changes and common diseases (dental caries and its sequelae) affecting hard and soft tissue of oral cavity.	PO1, PO2, PO3, PO4, PO7, PO8
CO 2	Level 3	Identify developmental disturbances, regressive changes and common diseases (dental caries and its sequelae) affecting hard and soft tissue of oral cavity through macroscopic and microscopic interpretation.	PO1, PO2, PO3, PO4, PO5, PO8
CO 3	Level 2	Explain the etiology, clinical, histopathological and applied aspects of odontogenic and non odontogenic tumors of of cavity.	PO1, PO2, PO3, PO7, PO8
CO 4	Level 3	Identify odontogenic and non odontogenic tumors of oral cavity through macroscopic and microscopic interpretation.	PO1, PO2, PO3, PO7, PO8
CO 5	Level 2	Explain the elinico pathological features of diseases and disorders affecting oral and paraoral tissues including systemic diseases (Endocrine, microbial, metabolic) and basic concepts of forensic Odontology.	PO1, PO2, PO3, PO6, PO7, PO8
CO 6	Level 4	Categories diseases and disorders affecting oral and paraoral tissues through macroscopic and microscopic interpretation.	PO2, PO3, PO6, PO7, PO8





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COURSE OUTCOME	
NAME OF THE PRAGRAMME	BDS
NAME OF THE COURSE	ORAL MEDICINE AND RADIOLOGY

CO	Blooms Taxonomy Level	DEFINATION	PO Mapping
CO 1	Level 5	Develop skills to diagnose common disorders of the orofacial region by clinical examination and necessary investigations as well as medical management of the same with the use of drugs and physical agents.	PO1, PO2, PO3, PO4, PO8
CO 2	Level 4	Distinguish between precancerous and cancerous lesions of the oral cavity, provide pharmacological management of precancerous lesions and refer to the concerned specialty for their non- pharmacologic management.	PO1, PO2,PO4, PO8
CO 3	Level 1	Recall medical complications that can arise while treating systemically compromised patients and take prior precautions/ consent from the concerned medical specialist.	PO1, PO2, PO5, PO8
CO 4	Level 1	List and describe various intra- and extra-oral radiographic procedures, TMJ radiography and sialography.	PO1, PO2, PO3, PO5, PO6, PO8
CO 5	Level 2	Outline radiation health hazards, radiation safety and protection as well as common laboratory investigations. Interpret the results of common laboratory investigations.	PO1, PO2, PO3,PO4, PO5, PO6, PO8
	Level 5	justify and demonstrate competence in taking intra-oral radiographs and interpreting their radiographic findings. Recognize the importance of intra- and extra-oral radiographs in age estimation.	PO1, PO2, PO3, PO6, PO8





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COURSE OUTCOME	
NAME OF THE PROGRAMME	BDS
NAME OF THE COURSE	ORTHODONTICS & DENTAL ORTHOPAEDICS

CO	Blooms Taxonomy Level	DEFINATION	PO Mapping
CO 1	Level 2	Summarizing growth and development of craniofacial structures and identifying etiology of dental, skeletal and craniofacial structures.	PO1, PO2, PO3, PO7
CO 2	Level 3	Applying the knowledge of diagnostic aids and bio mechanical principles for prevention, interception and correction of malocclusion.	PO1, PO2, PO3, PO4
CO 3	Level 4	Categorizing removable, fixed, functional and orthopaedic appliances.	PO5, PO3
CO 4	Level 5	Estimating differential diagnosis and integrating methods of treatment of midline diastema, cross bite, open bite, deep bite, class II and class III malocclusion.	PO1, PO2, PO3, PO4, PO7, PO8
CO 5	Level 2	Demonstrating wire bending skills relating to malocclusion and determining the type of active and passive components required preparing them for various clinical scenarios.	PO1, PO5, PO7
CO 6	Level 4	Comparing of cephalograms, model analysis and clinical examination for interpreting treatment plans.	PO5, PO7, PO8
CO 7	Level 3	Planning and Construction of Removable and Functional appliances.	PO3, PO4, PO5
CO 8	Level 2	Demonstrating the skills in impression making, preparing study models and categorizing patients by model analysis.	PO4, PO5, PO7, PO8







<b>COURSE OUTCOME</b>	
<b>NAME OF THE PRAGRAMME</b>	<b>BDS</b>
<b>NAME OF THE COURSE</b>	<b>ORAL AND MAXILLOFACIAL SURGERY</b>

<b>CO</b>	<b>Blooms Taxonomy Level</b>	<b>DEFINATION</b>	<b>PO Mapping</b>
CO 1	Level 3	Apply Knowledge Gained in basic applied Sciences management of patients with oral surgical problems	PO1, PO2, PO3
CO 2	Level 5	Possess skills to Assess, Diagnose and manage patients with oral surgical problems via appropriate clinical examination and laboratory investigations	PO1, PO2, PO3, PO7
CO 3	Level 2	Determine appropriate surgical treatment plan and perform extraction of teeth and certain minor oral surgical procedures under local anesthesia within the ambit of ethical surgical practice	PO1, PO2, PO3, PO4, PO6, PO8
CO 4	Level 5	Assess, prevent and manage medical emergencies and various complications during and after surgery	PO1, PO2, PO3, PO4, PO7, PO8
CO 5	Level 2	Explain the indications and principles of Major oral surgery procedures and in-patient management	PO1,PO2, PO3, PO5, PO7
CO 6	Level 3	Develop ability to achieve perioperative pain control in conditions Within the Scope of Oral and Maxillofacial Surgery	PO1, PO2, PO4





**BDS Programme Learning Outcome**

PO	Learning Outcome
PO1	Apply the knowledge of foundational disciplines pertaining to development, structure and function of teeth, oral and peri-oral tissues for general health and social well being of patients with diverse health care needs.
PO2	Utilize the knowledge gained to provide a coherent picture of preventive, diagnostic and therapeutic measures for anomalies, lesions and disease involving teeth, oral and peri-oral tissues.
PO3	Examine, analyze, interpret, diagnose and manage common dental problems encountered in general dental practice.
PO4	Develop and execute a plan of action to control pain and anxiety through a combination of environmental behavioral and pharmacological techniques.
PO5	Demonstrate skills required to prevent and manage complications encountered during various oral health care services.
PO6	Value legal, ethical and regulatory policies while rendering oral health care services.
PO7	Utilize current knowledge of dentistry to improve awareness in the community and provide possible solutions for local oral health problems and needs, in accordance with the national oral health policy.
PO8	Develop critical thinking and problem solving skills by participating in continuing education programmes to update knowledge and provide evidence based patient care.

