



SRI VENKATESWARA DENTAL COLLEGE & HOSPITAL



(A unit of VELS Group, Pallavaram)

Approved by Government of Tamilnadu (Lr. No. TN35013/MCA-2/2003; dt.7.9.2006) Approved by Dental Council of India, New Delhi
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Affiliated to the Tamil Nadu Dr.MGR Medical University

NAAC ACCREDITED

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PROGRAM OUTCOMES

BDS (BACHELOR OF DENTAL SURGERY)

PROGRAM OUTCOME

GOALS: The dental graduates during training in the institutions should acquire adequate knowledge, necessary skills and reasonable attitudes which are required for carrying out all activities appropriate to general dental practice involve ing the prevention, diagnosis and treatment of anomalies and diseases of the teeth, mouth, jaws and associated tissues. The graduate also should understand the concept of community oral health education and be able to participate in the rural health care delivery programmes existing in the country.

Po1	Adequate knowledge of the scientific foundations on which dentistry is based and good understanding of various relevant scientific methods, principles of biological functions and be able to evaluate and analyse scientifically various established facts and data.
Po2	Adequate knowledge of and experience in clinical disciplines and methods which provide a coherent picture of anomalies, lesions and diseases of the teeth, mouth and jaws and preventive diagnostic and therapeutic aspects of dentistry.
Po3	Able to diagnose and manage various common dental problems encountered in general dental practice keeping in mind the expectations and the right of the society to receive the best possible treatment available wherever possible, and acquire the skill to prevent and manage complications
Po4	Maintain a high standard of professional ethics and conduct and apply these in all aspects of professional life.
Po5	Promote oral health and seek to improve awareness and provide possible solutions for oral health problems and needs through out the community.

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COURSE OUTCOMES

I BDS

ANATOMY

The students should gain the knowledge and insight into, the functional anatomy of the normal human head and neck, functional histology and an appreciation of the genetic basis of inheritance and disease, and the embryological development of clinically important structures. So that relevant anatomical & scientific foundations are laid down for the clinical years of the BDS course.

COURSE CODE	OUTCOME
CO1	Knowledge Of Development, Anatomy And Microscopic Structures Of The Human Body
CO2	Know The Sectional Anatomy Of Head Neck And Brain To Read The Features In Radiographs And Pictures Taken By Modern Imaging Techniques.
CO3	To Locate The Various Structures Of The Body And Identify Various Tissues Under Imaging And Microscope, And Detect Anomalies.

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	2	-	-	-	-
CO2	2	-	-	-	-
CO3	2	-	2	-	-
AVG	2	-	2	-	-

PHYSIOLOGY

The broad goal of the teaching undergraduate students in Human Physiology aims at providing the student comprehensive knowledge of the normal functions of the organ systems of the body to facilitate an understanding of the physiological basis of health and disease.

CODE	COURSE OBJECTIVE
CO1	Knowledge Of General Physiology, Muscle Hematology, Gastro Intestinal, Excretory, Endocrine, Reproductive, Cardiac Vascular System, Respiratory System, Central Nervous System And Special Senses.

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CO2	Ability To Do Hematology Experiments.
CO3	Ability To Do Clinical Physiology Experiments.

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	2	-	-	-	-
CO2	2	-	2	-	-
CO3	2	-	2	-	-
AVG	2	-	2	-	-

BIOCHEMISTRY

The major aim is to provide a sound but crisp knowledge on the biochemical basis of the life processes relevant to the human system and to dental/medical practice. The contents should be organised to build on the already existing information available to the students in the pre-university stage and reorienting.

CODE	COURSE OUTCOME
CO1	Fluent In Carbohydrates,Lipids,Aminoacid,Mineral, And Vitamin Metabolism
CO2	Ability To Test Carbohydrates,Proteins And Bile
CO3	Ability To Identify Vitamin ,Mineral And Hormonal Disorder

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	2	-	-	-	-
CO2	2	-	2	-	-
CO3	2	-	2	-	-
AVG	2	-	2	-	-

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ORAL HISTOLOGY AND TOOTH MORPHOLOGY

Dental Anatomy including Embryology and Oral Histology – a composite of basic Dental Sciences & their clinical applications.

CODE	COURSE OUTCOME
CO1	Fluent In Orofacial Embryology
CO2	Fluent In Histology And Functions Of Orofacial Structures
CO3	Ability To Identify And Describe Anatomic And Histological Specimens Of Orofacial Region
CO4	Ability To Carve Teeth In Natural Size And Form

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	2	2	2	-	-
CO2	2	2	2	-	-
CO3	2	2	2	-	-
CO4	2	2	2	-	-
AVG	2	2	2	-	-



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II BDS

GENERAL PATHOLOGY

At the end of the course the student should be competent to: Apply the scientific study of disease processes, which result in morphological and functional alterations in cells, tissues and organs to the study of pathology and the practice of dentistry.

CODE	COURSE OUTCOME
CO1	To demonstrate and apply basic facts, concepts and theories in the field of Pathology , recognize and analyze pathological changes at macroscopically and microscopic levels and explain their observations in terms of disease processes
CO2	To Integrate knowledge from the basic sciences, clinical medicine and dentistry in the study of Pathology
CO3	To demonstrate understanding of the capabilities and limitations of morphological Pathology in its contribution to medicine, dentistry and biological research.

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	2	-	-	-	-
CO2	2	-	2	-	-
CO3	2	-	2	-	-
AVG	2	-	2	-	-

MICROBIOLOGY

To introduce the students to the exciting world of microbes. To make the students aware of various branches of microbiology, importance, significance and contribution of each branch to mankind and other fields of medicine.

CODE	COURSE OUTCOME
CO1	Understand the basics of various branches of microbiology and able to apply the knowledge relevantly.
CO2	Ability to perform staining methods, identify and report the bacteria observed
CO3	Ability to identify spotters and qualify the OSPE

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	2	-	-	-	-
CO2	2	-	2	-	-
CO3	2	-	2	-	-
AVG	2	-	2	-	-

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GENERAL AND DENTAL PHARMACOLOGY AND THERAPEUTICS

The broad goal of teaching under graduate students in pharmacology is to inculcate rational and scientific basis of therapeutics keeping in view of dental curriculum and Profession.

CODE	COURSE OUTCOME
CO1	Describe the pharmacokinetics and Pharmacodynamics, AND OTHER ASPECTS of essential and commonly used drugs in general and in dentistry in particular.
CO2	Tailor the use of appropriate drugs in disease with consideration to its cost, efficacy, safety for individual and mass therapy needs, INCLUDING VULNERABLE POPULATIONS.
CO3	Integrate the rational drug therapy in clinical pharmacology AND principles underlying the concepts of "Essential drugs".

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	2	-	-	1	-
CO2	2	-	2	1	-
CO3	2	-	2	1	-
AVG	2	-	2	1	-

DENTAL MATERIALS

Aim of the course is to present basic chemical and physical properties of Dental materials as they are related to its manipulation to give a sound educational background so that the practice of the dentistry emerged from art to empirical status of science as more information through further research becomes available. It is also the aim of the course of Dental materials to provide with certain criteria of selection and which will enable to discriminate between facts and propaganda with regards to claims of manufactures.

CODE	COURSE OUTCOME
CO1	To understand the evolution and development of science of dental material.
CO2	To explain purpose of course in dental materials to personnel concerned with the profession of the dentistry
CO3	Knowledge of physical and chemical properties. Knowledge of biomechanical requirements of particular restorative procedure.

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	2	1	-	-	-
CO2	2	1	-	-	-
CO3	2	1	-	-	-
AVG	2	1	-	-	-

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III BDS

ORAL PATHOLOGY & ORAL MICROBIOLOGY

CODE	COURSE OUTCOME
CO1	Fluent In Orofacial Developmental Disorders, Infections, Cysts And Tumors
CO2	Fluent In Oral Manifestations Of General Diseases And Basic Forensic Dentistry
CO3	Ability To Identify And Describe Pathologic And Histopathological Specimens Of Orofacial Region

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	-	1
CO2	3	3	2	1	1
CO3	3	3	3	-	1
AVG	3	3	2.67	0.33	1

GENERAL MEDICINE

A dental student should be taught in such a manner he/she is able to record the arterial pulse, blood pressure and be capable of suspecting by sight and superficial examination of the body – diseases of the heart, lungs, kidneys, blood etc. He should be capable of handling medical emergencies encountered in dental practice

CODE	COURSE OUTCOME
CO1	Special precautions/ contraindication of anaesthesia and various dental procedures in different systemic diseases
CO2	Oral manifestations of systemic diseases
CO3	Medical emergencies in dental practice

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	2	1	1	1	-
CO2	2	2	2	1	-
CO3	2	2	3	2	-
AVG	2	1.67	2	1.33	-

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GENERAL SURGERY

To acquaint the student with various diseases, which may require surgical expertise and to train the student to analyze the history and be able to do a thorough physical examination of the patient. The diseases as related to head and neck region are to be given due importance, at the same time other relevant surgical problems are also to be addressed. At the end of one year of study the student should have a good theoretical knowledge of various ailments, and be practically trained to differentiate benign and malignant diseases and be able to decide which patient requires further evaluation.

CODE	COURSE OUTCOME
CO1	HISTORY OF SURGERY: GENERAL PRINCIPLES OF SURGERY: GENERAL PATHOLOGIES, SYSTEMIC DISEASES
CO2	OPERATIVE SURGERY, MANAGEMENT OF DISEASES OF HEAD AND NECK
CO3	EXAMINATION AND DIAGNOSIS OF ROUTINE DISEASES AND MINOR SURGICAL PROCEDURES

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	2	1	1	1	-
CO2	2	2	2	1	-
CO3	2	2	3	2	-
AVG	2	1.67	2	1.33	-

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IV BDS

CONSERVATIVE DENTISTRY AND ENDODONTICS

The graduate should acquire the following knowledge during the period of training. i. To diagnose and treat simple restorative work for teeth. ii. To gain knowledge about aesthetic restorative material and to translate the same to patients needs. iii. To gain the knowledge about endodontic treatment on the basis of scientific foundation. iv. To carry out simple endodontic treatment. v. To carry out simple luxation of tooth and its treatment and to provide emergency endodontic treatment.

CODE	COURSE OUTCOME
CO1	- Capable of identifying various types of carious lesion
CO2	- Ability to position patient's chair according to the various procedures performed. Maintains correct posture. when interacting and performing procedures in patients
CO3	- Ability to showcase the use of hand washing methods and adequate use of personal protective gears.
CO4	-Thorough knowledge on restorative materials including silver amalgam, glass ionomer cement, and composite resins to provide restorative patient care for all forms of carious lesions in teeth with healthy pulp
CO5	- Placement of intermediate filling material as indicated
CO6	- Using the direct and indirect pulp capping procedures for deep carious lesions after thorough clinical evaluation
CO7	- Restoring midline diastema using direct composite resin layering technique.
CO8	- Thorough knowledge and understanding on the principles of aesthetic dental procedures.
CO9	- Capable of performing restorative procedures for all types of carious lesion in Phantom heads.
CO10	- Competent to manipulate different dental materials.
CO11	- Ability to identify and use dental restorative Equipment efficiently
CO12	Efficient to perform preclinical endodontic therapy in single rooted extracted teeth

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MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	-	2
CO2	3	3	-	-	-
CO3	3	3	3	2	-
CO4	3	3	-	-	2
CO5	3	3	-	-	-
CO6	3	3	3	-	-
CO7	3	3	3	-	
CO8	3	3	3	2	2
CO9	3	3	-	--	-
CO10	3	3	-	-	-
CO11	3	3	-	-	--
CO12	3	3	-	-	-
AVG	3	3	3	2	2

ORAL & MAXILLOFACIAL SURGERY

To produce a graduate who is competent in performing extraction of teeth under both local and general anaesthesia, prevent and manage related complications, acquire a reasonable knowledge and understanding of the various diseases, injuries, infections occurring in the Oral & Maxillofacial region and offer solutions to such of those common conditions and has an exposure in to the in-patient management of maxillofacial problems.

CODE	OUTCOMES
CO1	Students should be able to interpret the IOPA and OPG radiograph to facilitate diagnosis and treatment.
CO2	Students should be able to identify various dental extraction forceps and elevators used for extractions, minor oral surgical procedures.
CO3	Students should be able to select the appropriate quantity of local anesthetic agent and perform the appropriate technique of administration of L.A and also able to prescribe post operative medications, Students should be able to perform various types of suturing techniques and dental wiring on models.
CO4	Students should be able to perform total extraction procedures
CO5	Students will be able to perform extraction for special children and medically compromised patients.
CO6	Student will be able to discuss about the various advanced oral surgical procedures.
CO7	Student should be able to display effective interpersonal communication and managerial skills on patient care.

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MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	2	2
CO2	3	3	3	-	-
CO3	3	3	3	3	-
CO4	3	3	3	2	2
CO5	3	3	3	3	-
CO6	3	3	3	1	-
CO7	3	3	3	-	3
AVG	3	3	3	2.2	2.3

ORAL MEDICINE AND RADIOLOGY

CODE	COURSE OUTCOME
CO1	Knowledge about lesions of both hard and soft tissues
CO2	Knowledge about radiology, safety protection and various radiographic techniques
CO3	Case History taking and clinical examination
CO4	Taking Intra oral radiography and interpretation of normal anatomy and pathology
CO5	Able to diagnose tobacco induced and other oral lesions

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	-	-
CO2	3	3	3	2	-
CO3	3	3	3	2	-
CO4	3	3	3	2	-
CO5	3	3	3	2	-
AVG	3	3	3	2	-

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ORTHODONTICS & DENTAL ORTHOPAEDICS

Undergraduate programme in Orthodontics is designed to enable the qualifying dental surgeon to diagnose, analyse and treat common orthodontic problems by preventive, interceptive and corrective orthodontic procedures. The following basic instructional procedures will be adapted to achieve the above objectives.

CODE	OUTCOMES
Co1	BASIC WIRE BENDING EXERCISES :ADAM'S CLASPS IN 16,26,36,46
Co2	BASIC WIRE BENDING EXERCISES :SHORT LABIAL BOW
Co3	GROWTH AND DEVELOPMENT, DIAGNOSIS OF MALOCCLUSION
Co4	TREATMENT PLANNING FOR VARIOUS MALOCCLUSIONS

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	2	-	-	-	-
CO2	2	-	-	-	-
CO3	3	3	3	2	-
CO4	3	3	3	2	2
AVG	2.5	3	3	2	2

PAEDIATRIC & PREVENTIVE DENTISTRY

CODE	COURSE OUTCOME
CO 1	Treatment Planning and Behaviour management
CO 2	Patient Education- Anticipatory Guidance
CO 3	Preventive measures – Oral Prophylaxis, Pit and fissure sealants , Topical fluoride applications
CO 4	GIC and Composite Restorations
CO 5	Extractions and space maintenance
CO 6	Pediatric Endodontics

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MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	2	2
CO2	3	3	3	2	2
CO3	3	3	3	2	3
CO4	3	3	3	-	2
CO5	3	3	3	2	2
CO6	3	3	3	-	2
AVG	3	3	3	2	2.1

PUBLIC HEALTH DENTISTRY

To prevent and control oral diseases and promote oral health through organized community efforts

COURSE CODE	COURSE OUTCOME
CO1	PROFICIENT IN RECORDING CASE HISTORY WITH COMPREHENSIVE TREATMENT PLAN
CO2	PROFICIENT IN RECORDING DENTAL INDICES
CO3	ABILITY TO DELIVER HEALTH EDUCATION
CO4	ABILITY TO DESIGN SCIENTIFIC STUDIES
CO5	KNOW THE SURVEY PROCEDURES IN DENTISTRY AND PLAN A HEALTH PROGRAM
CO6	KNOW THE HEALTH CARE DELIVERY SYSTEM IN INDIA

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	1	3
CO2	3	3	3	1	3
CO3	3	3	3	2	3
CO4	3	3	3	3	3
CO5	3	3	3	2	3
CO6	3	3	3	2	3
AVG	3	3	3	2.1	3

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PERIODONTOLOGY

COURSE CODE	COURSE OUTCOME
CO-1	Student should know the basic tissues of Periodontium
CO-2	Student should learn about classification of diseases which affects the Periodontium
CO-3	Student to know about Etiopathogenesis of various periodontal diseases
CO-4	Student should know the basic infection control protocol, follow it for proper sterilization of the instruments and follow biomedical medical waste management along with recording the proper clinical history, examine the patients, perform essential diagnostic procedures.
CO-5	Students should be able to identify and proper usage of various periodontal instruments, instrumentation techniques, advise investigations and interpret them to come to a reasonable diagnosis about the condition
CO-6	Student should able to perform non-surgical procedure independently, Acquire adequate skills and competence in performing various surgical procedures and Student should know about advanced surgical procedure like implants, laser and Piezo Surgery

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	-	-
CO2	3	3	3	-	3
CO3	3	3	3	1	3
CO4	3	3	3	3	3
CO5	3	3	3	2	3
CO6	3	3	3	2	3
AVG	3	3	3	2	3

PROSTHODONTICS AND CROWN & BRIDGE

COURSE CODE	COURSE OUTCOME
CO1	Making primary impression of completely edentulous condition with Impression compound and fabrication of special tray
CO2	Able to perform removable partial and complete denture laboratory works.
CO3	Able to perform teeth setting for removable partial and complete denture prostheses
CO4	Elicit case history for partially and completely edentulous patients.
CO5	Clinical procedures involving impressions, maxillomandibular relationships, wax trials, denture insertions and recall visits for

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	removable prosthesis
CO6	Understanding the patients, mental attitude. Instructing the patient
CO7	Knowledge on chair and operator position for procedures
CO8	Treatment planning and evaluation of diagnostic data.
CO9	Knowledge on objectives of impression making, Materials, techniques and armamentarium
CO10	Observing chair side demonstration of clinical Procedures
CO11	Visualizing techniques on videos.
CO12	Tooth preparation for different restorations on mannequin
CO13	Laboratory skills for fabrication of removable prosthesis
CO14	Knowledge about recent dental materials and rehabilitation techniques

MAPPING	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	-	2
CO2	3	3	-	-	-
CO3	3	3	3	-	-
CO4	3	3	-	-	2
CO5	3	3	-	-	-
CO6	3	3	3	2	-
CO7	3	3	3	-	
CO8	3	3	3	2	2
CO9	3	3	-	--	-
CO10	3	3	-	-	-
CO11	3	3	-	-	--
CO12	3	3	-	-	-
CO13	3	3	-		
CO14	3	3	3	2	
AVG	3	3	3	2	2

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MDS (MASTER OF DENTAL SURGERY)

PROGRAM OUTCOMES

The goals of the post-graduate training in various specialities is to train the graduate in Dental Surgery who will, (i) practice respective speciality efficiently and effectively, backed by scientific knowledge and skill; (ii) exercise empathy and a caring attitude and maintain high ethical standards; (iii) continue to evince keen interest in professional education in the speciality and allied specialities whether in teaching or practice; (iv) willing to share the knowledge and skills with any learner, junior or a colleague; (v) to develop the faculty for critical analysis and evaluation of various concepts and views and to adopt the most rational approach.

CODE	PROGRAM OUTCOME
PO1	Demonstrate understanding of basic sciences relevant to specialty
PO2	Describe etiology, pathophysiology, principles of diagnosis and management of common problems within the specialty in adults and children;
PO3	Identify social, economic, environmental and emotional determinants in a given case and take them into account for planned treatment
PO4	Recognize conditions that may be outside the area of specialty or competence and to refer them to the concerned specialist
PO5	Update knowledge by self study and by attending courses, conferences and seminars pertaining to specialty
PO6	Undertake audit, use information technology and carry out research in both basic and clinical with the aim of publishing or presenting the work at various scientific gatherings

PROGRAM SPECIFIC OUTCOMES

CONSERVATIVE DENTISTRY AND ENDODONTICS

PSO1	Ability to delineate the etiology, pathophysiology and restorative/ endodontic diagnosis to achieve predictable treatment outcomes. Knowledge and ability to perform contemporary procedures in the field of cariology, Dental Traumatology.
PSO2	Clinically sound to be able to provide differential diagnosis and also being able to relate the disease or condition to other specialities and refer them to experts accordingly.
PSO3	Exhibits skills to educate colleagues and other students.
PSO4	Possess adequate knowledge and skills in recording chair side medical history, perform both medical and diagnostic procedures, relevant tests and interpret diagnostic tools (CBCT, OPG's, RVG's) to achieve proper diagnosis which is a prerequisite for a favourable dental outcome
PSO5	Ability to perform surgical and non-surgical Endodontics(endo-osseous implants, endo and perio surgeries) as part of the interdisciplinary curriculum to approach any kind of clinical situation.


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PSO6	Ability to handle acute pulpal and pulpo- periodontal situations.
PSO7	Constantly updating themselves on the recent advances in the field of conservative dentistry and endodontics by attending CDE programs, conferences, seminars, workshops, research methodologies across the country and overseas. Assessing one self by challenging their own ability to be able to apply their advanced skills in their day to day practice.
PSO8	Adequate knowledge on informative technology and aids to do research activities in both basic and clinical fields which could be successfully published and also be presented at scientific conferences across the country and overseas.
PSO9	Adequate Clinical skills to attend to failed endodontic therapy.

PROSTHODONTICS AND CROWN & BRIDGE

CODE	OUTCOME
PSO1	Achieve knowledge and skill in theoretical and clinical laboratory, attitude, communicative skills and ability to perform research with a good understanding of social, cultural, educational and environmental background of the society
PSO2	To have adequate acquired knowledge and understanding of applied basic and systemic medical sciences, both in general and in particularly of head and neck region.
PSO3	The postgraduates should be able to provide Prosthodontic therapy for patients with competence and working knowledge with understanding of applied medical, behavioral and clinical science, that are beyond the treatment skills of the general BDS graduates and MDS graduates of other specialties.
PSO4	To demonstrate evaluative and judgment skills in making appropriate decisions regarding prevention, treatment, after care and referrals to deliver comprehensive care to patients
PSO5	The student shall acquire knowledge of various Dental Materials used in the specialty and be able to provide appropriate indication, understand the manipulation characteristics, compare with other materials available, and be adept with recent advancements of the same
PSO6	Ability for comprehensive rehabilitation concept with pre prosthetic treatment plan including surgical re-evaluation and prosthodontic treatment planning, impressions, jaw relations, utility of face bows, articulators, selection and positioning of teeth, teeth arrangement for retention, stability, esthetics, phonation, psychological comfort, fit and insertion.
PSO7	The theoretical knowledge and clinical practice shall include principles involved for support, retention, stability, esthetics, phonation, mastication, occlusion, behavioral, psychological, preventive and social aspects of Prosthodontics science of Oral and Maxillofacial Prosthodontics and Implantology
PSO8	Should have knowledge of age changes, geriatric psychology, nutritional considerations and prosthodontic therapy in the aged population
PSO9	Ability to diagnose and plan treatment for patients requiring Prosthodontic therapy
PSO10	Should have an ability to plan and establish Prosthodontics clinic/hospital teaching department and practice management

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MDS ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS

CODE	OUTCOME
PSO1	Describe etiology, patho-physiology, principles of diagnosis and management of malocclusions in children and adults; identify social, economic, environmental and emotional determinants in a given case and take them into account for treatment planning
PSO2	Recognize conditions requiring multidisciplinary approach and co-ordinate with the concerned specialist
PSO3	Update knowledge by self-study and interactions in group discussions and by attending lectures, courses, conferences and seminars
PSO4	Record a proper clinical history, examine the patient, perform essential diagnostic procedures and request and interpret relevant tests to come to a reasonable diagnosis about the condition.
PSO5	Acquire adequate skills and competence in selecting appropriate orthodontic appliances and performing various orthodontic procedures as would be required in a private practice
PSO6	Adopt ethical principles in all aspects of practice; foster professional honesty and integrity; deliver patient care irrespective of social status, caste, creed, or religion of the patient; develop communication skills, to explain various options available and obtain a true informed consent from the patient
PSO7	Accept the limitations in his / her knowledge and skill and to ask for help from colleagues when needed; respect patient's rights and privileges including patient's right to information and right to seek a second opinion
PSO8	Able to recognize various emergencies that may arise in an orthodontic practice
PSO9	Able to handle emergency orthodontic care like fixing loose bands, brackets & wires, cut protruding wire, prevent tissue irritation from sharp parts of appliances and accidental swallowing & aspiration of attachments
PS10	Able to recognize unsuccessfully treated cases
PS11	Able to handle unsuccessfully treated cases

PRINCIPAL

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MDS PERIODONTOLOGY

CODE	OUTCOMES
PSO1	Describe etiology, pathogenesis, diagnosis and management of common periodontal diseases with emphasis on Indian population
PSO2	Describe various preventive periodontal measures
PSO3	Describe various treatment modalities of periodontal disease
PSO4	Update knowledge by attending courses, conferences and seminars relevant to periodontics or by self-learning process. Plan out/ carry out research activity both basic and clinical aspects with the aim of publishing his/her work in scientific journals
PSO5	Shall develop teaching skill in the field of Periodontology and Oral Implantology
PSO6	To sensitize students about inter disciplinary approach towards the soft tissues of the oral cavity with the help of specialist from other departments.

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