

COURSE OUTCOMES FOR ALL COURSES



COURSE OUTCOMES FOR BDS DEGREE

BDS COURSE AND	COURSE OUTCOME
YEAR	
FIRST YEAR BDS	
1. ANATOMY	a) KNOWLEDGE & UNDERSTANDING:
	At the end of the 1 st year BDS course in Anatomical Sciences the
	undergraduate student is expected to:
	 Know the normal disposition of the structures in the body while clinically examining a patient and while conducting clinical procedures. Know the anatomical basis of disease and injury. Know the microscopic structure of the various tissues, a pre-requisite for understanding of the disease processes.
	 Know the nervous system to locate the site of lesions according to the sensory and or motor deficits encountered.
	 Have an idea about the basis of abnormal development, critical stages of development, effects of teratogens, genetic mutations and environmental hazards.
	 Know the sectional anatomy of head neck and brain to read the features in radiographs and pictures taken by modern imaging techniques.
	7. Know the anatomy of cardio-pulmonary resuscitation.
	b) SKILLS
	1. To locate various structures of the body and to mark the topography
	of the living anatomy.
	2. To identify various tissues under microscope.
	3. To identify the features in radiographs and modern imaging techniques
	4 To detect various congenital abnormalities
HUMAN PHYSIOLOGY	KNOWLEDGE
	At the end of the course, the student will be able to:
	1. Explain the normal functioning of all the organ systems and their
	interactions for well co-ordinated total body function.
	2. Assess the relative contribution of each organ system towards the
	maintenance of the milieu interior.
	3. List the physiological principles underlying the pathogenesis and
	treatment of disease.
	b) SKILLS
	At the end of the course, the student shall be able to :
	1. Conduct experiments designed for the study of physiological



	phenomena.
	2. Interpret experimental and investigative data
	3. Distinguish between normal and abnormal data derived as a result of
	tests which he/she has performed and observed in the laboratory.
	c) INTEGRATION
	At the end of the integrated teaching the student shall acquire an integrated
	knowledge of organ structure and function and its regulatory mechanisms.
BIOCHEMISTRY	KNOWLEDGE AND UNDERSTANDING
	At the end of the course, the student should be able
	to:
	1. Describe the molecular and functional organization of a cell and list its
	subcellular components; delineate structure, function and inter-
	relationships of biomolecules and consequences of deviation from
	normal;
	2. summarize the fundamental aspects of enzymology and clinical
	application wherein regulation of enzymatic activity is altered;
	3. describe digestion and assimilation of nutrients and consequences of
	malnutrition; integrate the various aspects of metabolism and their
	regulatory pathways;
	4. explain the biochemical basis of inherited disorders with their
	associated sequel;
	5. describe mechanisms involved in maintenance of body fluid and pH
	homeostasis;
	6. outline the molecular mechanisms of gene expression and regulation,
	the principles of genetic engineering and their application in
	dentistry;
	7. Summarize the molecular concepts of body defense and their
	application in dentistry
	8. Outline the biochemical basis of environmental health hazards,
	biochemical basis of cancer and carcinogenesis
	9. Explain the principles of various conventional and specialized
	laboratory investigations and instrumentation analysis and
	interpretation of a given data relevant to dentistry
	10. Suggest experiments to support theoretical concepts and clinical
	diagnosis.
	SKILLS:
	At the end of the course, the student should be able to :
	1. Make use of conventional techniques/instruments to perform
	biochemical analysis relevant to clinical screening and diagnosis.
	2. Analyze and interpret investigative data;



	3. Demonstrate the skills of solving scientific and clinical problems
	and decision making in dentistry. ATTITUDE:
	1. At the end of the course, the student should be able to understand
	the biochemical basis of the health and diseases.
	INTEGRATION:
	The knowledge acquired in biochemistry should help the
	students to integrate molecular events with structure and
	function of the human body
DENTAL	SKILLS
ANATOMY,	The student should acquire basic skills in :
EMBRYOLOGY	1. Carving of crowns of permanent teeth in wax.
AND	2. Microscopic study of Oral tissues.
ORAL HISTOLOGY	3. Identification of Deciduous & Permanent teeth.
	4. Age estimation by patterns of teeth eruption from plaster casts of different
	age groups.
	OBJECTIVES
	After a course on Dental Anatomy including Embryology and Oral Histology,
	1. The student is expected to appreciate the normal development,
	morphology, structure & functions of
	2. oral tissues & variations in different pathological/non-pathological
	states.
	3. The student should understand the histological basis of various
	dental treatment procedures and physiologic ageing process in the
	dental tissues.
	4. The students must know the basic knowledge of various research
	methodologies.
SECOND YEAR BDS	
GENERAL	AIM:
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.
	OBJECTIVES:
	Enabling the student
	1. To demonstrate and apply basic facts, concepts and theories in the field
	of Pathology.
	2. To recognize and analyze pathological changes at macroscopically and
	microscopically levels and explain their observations in terms of disease
	processes.



	3. To integrate knowledge from the basic sciences, clinical medicine and
	dentistry in the study of Pathology.
	4. To demonstrate understanding of the capabilities and limitations of
	morphological Pathology in its contribution to medicine, dentistry and
	biological research.
	5. To demonstrate ability to consult resource materials outside lectures.
	laboratory and tutorial classes.
MICROBIOLOGY	OBJECTIVES:
	A. KNOWLEDGE AND UNDERSTANDING
	At the end of the Microbiology course the student is expected to
	1. Understand the basics of various branches of microbiology and able to
	apply the knowledge relevantly.
	2. Apply the knowledge gained in related medical subjects like General
	Medicine and
	3. General Surgery and Dental subjects like Oral Pathology, Community
	Dentistry, Periodontics,
	4. Oral Surgery, Pedodontics, Conservative Dentistry and Oral medicine in
	higher classes.
	5. Understand and practice various methods of Sterilisation and
	disinfection in dental clinics.
	6. Have a sound understanding of various infectious diseases and lesions in
	the oral cavity.
	B. SKILLS
	1. Student should have acquired the skill to diagnose, differentiate
	various oral lesions.
	2. Should be able to select, collect and transport clinical specimens to
	the laboratory.
	3. Should be able to carry out proper aseptic procedures in the dental
	clinic.
GENERAL AND	OBJECTIVES:
DENTAL	At the end of the course the student shall be able to:
PHARMACOLOGY	1. Describe the pharmacokinetics and pharmacodynamics of essential
AND THERAPEUTICS	and commonly used drugs in general and in dentistry in particular.
	2. List the indications, contraindications; interactions, and adverse
	reactions of commonly used drugs with reason.
	3. Tailor the use of appropriate drugs in disease with consideration to its
	cost, efficacy, safety for individual and mass therapy needs.
	4. Indicate special care in prescribing common and essential drugs in
	special medical situations such as pregnancy, lactation, old age, renal,
	hepatic damage and immuno compromised patients.



	5. Integrate the rational drug therapy in clinical pharmacology.
	6. Indicate the principles underlying the concepts of "Essential drugs".
	SKILLS:
	At the end of the course the student shall be able to:
	1) Prescribe drugs for common dental and medical ailments.
	 To appreciate adverse reactions and drug interactions of commonly used drugs.
	3) Observe experiments designed for study of effects of drugs.
	4) Critically evaluate drug formulations and be able to interpret the
	clinical pharmacology of marketed preparations commonly used in dentistry
	5) INTEGRATION: Practical knowledge of use of drugs in clinical practice
	will be acquired through integrated teaching with clinical
	denartments
DENTAL MATERIALS	a KNOWLEDGE AND LINDERSTANDING:
	The graduate should acquire the following during the period
	of training
	1) Adequate knowledge of the scientific foundations on which dentistry
	is based and good understanding of various relevant scientific
	methods principles of biological functions and should be able to
	evaluate and analyze scientifically various established facts and data
	2) To understand the evolution and development of science of dental materials
	3) To know about the manipulation technique of various restorative
	materials
	h. SKILLS:
	A graduate should be able to demonstrate the following skills necessary for
	nractice of dentistry
-	To develop skills in the management of various materials in dentistry.
	Students should know about the physical and chemical properties of the
	dental materials
	c. ATTITUDE:
	A graduate should develop during the training period the following attitudes.
	1) Willing to apply current knowledge of dentistry in the best interest of the
	patients and the community.
	2) Maintain a high standard of professional ethics and conduct and apply
	these in all aspects of professional life.
	3) Seek to improve awareness and provide possible solutions for oral
	health problems and needs throughout the community.
	4) Willingness to participate in the continuing education programmes to



	update knowledge and professional skills from time to time.
	5) To help and to participate in the implementation of National Health
	Programmes.
PRE CLINICAL	a. KNOWLEDGE AND UNDERSTANDING:
CONSERVATIVE	1) Knowledge of the scientific foundation of conservative dentistry and
DENTISTRY	understanding of various treatment procedures carried out in
	conservative dentistry with emphasize on biological principal to be
	knowledge of various instruments and materials used in restorative
	procedures.
	2) They should also be aware of various manipulative techniques of
	restorative material.
	b. SKILLS;
	1) The students should be able to demonstrate the following skills which
	are necessary for practice in conservative dentistry
	2) To develop skills in manipulation of various materials used in conservative dentistry
	3) To develop skills in preparation of various cavities and to perform
	various restorative procedures.
	c. ATTITUDE;
	1) The student should be able to apply the current knowledge of various
	materials used in dentistry in the interest of patients and the
	community in general.
	2) To be aware of recent developments in instruments and materials
	used in conservative dentistry and update his/her knowledge by
	attaining various continuing education programmes.
	5) Should be aware of both benefits and health hazards of various restorative materials used in conservative dentistry
	4) Should maintain high standard of professional ethics and apply those
	in all aspects of professional life.
	d. INTEGRATION:
	The dental student must be able to identify the healthy and
	diseased state of the teeth, thereby enabling them to better
	understand the diseased state and to plan an ideal treatment
	protocol for the same.
	a. KNOWLEDGE
& CROWN &	1 Adequate knowledge of the scientific foundations of which deptistry is
BRIDGE	based and good understanding of various relevant scientific methods.
	principles of biological functions, ability to evaluate and analyse



scientifically various established facts and deals.
2. Adequate knowledge of the development, structure and function of the
teeth, mouth and jaws and associated tissues both in health and disease
and the relationship and effect on general state of health and also bearing
on physical and social wellbeing of the patient.
3. Adequate knowledge of 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.
4. Adequate clinical experience required for the general dental practice.
5. Adequate knowledge of the constitution, biological functions and
behavior of persons in health and sickness as well as the influence of the
natural and social environment on the state of health in so far as it affects
dentistry.
b. ATTITUDF
A graduate should develop during the training period the following attitudes.
1) Willingness to apply the current knowledge of dentistry in the best
interest of the national and community
 Maintain a high standard of professional ethics and conduct and apply
these in all aspects of professional life
3) Seek to improve awareness and provide possible solutions for oral
health problems and needs throughout the community
4) Willingness to participate in the CPED programmes to undate
knowledge and professional skill time to time
5) Help and participate in the implementation of the national oral health
s) help and participate in the implementation of the national oral health
A graduate should be able to demonstrate the following skills necessary from
nractice in dentistry
1) Diagnose and mange various common dental problem encountered in
general dental practice keeping in mind the expectations and the right
of the society to receive the best possible treatment available
whorever possible
2) Provent and manage complications if encountered while carrying out
2) Prevent and manage complications in encountered while carrying out
2) Carry out cortain investigative precedures and ability to interpret
laboratory findings
 A) Promote and health and help provent and disease where possible
5) Control pain and anyioty among the national during dental treatment
Integrated knowledge about all the divisions in Prosthodontics



(CD,RPD,FPD,IMPLANTS etc).	
THIRD YEAR BDS	
ORAL PATHOLOGY & OBJECTIVES:	
ORAL MICROBIOLOGY At the end of Oral Pathology & Oral Microbiology course, the student s	should
be able to comprehend -	
1. The different types of pathological processes that involves the oral	cavity.
2. The manifestations of common diseases, their diagnosis & correlations of common diseases, their diagnosis & correlations of the second seco	tion
with clinical pathological processes.	
An understanding of the oral manifestations of systemic diseases s	should
help in correlating with the systemic physical signs & laboratory fir	ndings.
4. The student should understand the underlying biological principle	S
governing treatment of oral diseases.	
5. The principles of certain basic aspects of Forensic Odontology.	
SKILLS:	L.
1. Microscopic study of common lesions affecting oral tissues throug	'n
microscopic sildes & projection sildes.	
2. Study of the disease process by surgical specimens.	. .
s. study of teeth anomalies/polymorphisms through tooth specimen	15 04
4. Microscopic study of plague pathogens.	
5. Study of haematological preparations (blood films) of anaemias &	
leukemias.	
6. Basic exercises in Forensic Odontology such as histological method	ds of
age estimation and appearance of teeth in injuries.	
GENERAL MEDICINE a. KNOWLEDGE and UNDERSTANDING:	
At the end of the course the student shall be able to:	
 Describe the etiology, pathogenesis, clinical signs and 	
symptoms and complications of various disease processes	
Know of the various pre-requisite settings for the various	
diseases to occur including a knowledge of the various co-mork	oidities
especially lifestyle diseases such as Hypertension, Diabetes Mel	llitus.
3. Awareness of the oral manifestations of various systemic disord	ders
4. Knowledge of the medical conditions requiring screening and	
evaluation prior to dental procedures	
5. To be aware of BLS steps in cases of medical emergencies while	2
At the end of the course the student shall be able to:	
1. Take a proper history from the natient	
2. Do a complete general physical examination including build and	ł



	nourishment
	3. Assess the vitals-recording the details of Pulse, recording the BP,
	temperature, checking capillary blood glucose and oxygen saturation
	4. Look for cyanosis, clubbing, pallor, icterus, pedal edema,
	lymphadenopathy, rashes, ecchymosis
	5. Able to examine the CVS, RS, abdomen and the facial nerve
	 Interpret the elicited signs and symptoms of various systemic disease processes
	 Interpreting lab reports such as importance of CBC, RFT, ECG, BT, CT, PT, INRetc
	8. To be trained in simple procedures such as giving intramuscular.
	intravenous Injection as well as staring an IVline
	9. To be trained in basic life support
	10. Writing prescriptions
	c. ATTITUDE:
	1. Willingness to apply the current knowledge of dentistry in the best
	interest of the patient and community
	2. Seek to improve awareness and provide possible solutions for oral
	health problems and needs throughout the community
	d. INTEGRATION:
	From the integrated teaching of other clinical sciences, the
	student shall be able to describe the various signs and symptoms and
	interpret the clinical manifestation of disease processes. Horizontal
	vertical integration can
	be done with clinical departments. For example, horizontal integration
	can be the interpretation of lab results with Biochemistry and biopsy
	reports with Pathology; and vertical integration can be the study of
	oropharyngeal pathology of along with ENT and oral surgical procedures
	with General surgery
GENERAL SURGERY	KNOWLEDGE AND UNDERSTANDING
	At the end of the third BDS in General surgery the
	undergraduate student is expected to
	1. Know the surgical anatomy , physiology and pathological
	Dasis of diseases of nead and neck
	2. Know the common surgical conditions of Hoad & Nock
	Know eliciting History and to do Clinical examination and to arrive at a
	Provisional diagnosis.
	5. Know about Radiological and blood investigations to arrive at a



	diagnosis
	SKILLS
	1. Know the interpretation of Radiological films of Head and Neck
	1. Know the Operative procedures, Post operative complications and
	Post operative management
	2. To differentiate between Benign and Malignant diseases of Head &
	Neck
	3. Know to perform minor surgical procedures such as
	4. Draining an Abscess and taking a Biopsy
	ATTITUDE
	1. Willingness to apply the current knowledge of dentistry in the best
	interest of the patient and community.
	2. Seek to improve awareness and provide possible solutions for oral
	health problems and needs throughout the community
	INTEGRATION
	By emphasizing on the relevant information and sound knowledge of Basic
	Science, to acquaint the student with various diseases, which may require
	surgical expertise and to train the student to analyse the history and be able
	to do a thorough clinical examination of the patient.
FOURTH YEAR BDS	· · ·
ORAL MEDICINE	a. Knowledge and Understanding :
AND RADIOLOGY	1. Adequate knowledge of the scientific foundations on which dentistry
	is based and good understanding of various relevant scientific
	methods, principles of biological functions and should be able to
	evaluate and analyse scientifically various established facts and data.
	2. Adequate knowledge of the development, structure and function of
	the teeth, mouth and jaws and associated tissues both in health and
	disease and their relationship and effect on general-state of health
	and also the bearing on physical and social well-being of the patient.
	3. Adequate knowledge of 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.
	4. Adequate clinical experience required for general dental practice
	5. Adequate knowledge of biological function and behaviour of persons
	in health and sickness as well as the influence of the natural and social
	environment on the state of health so far as it affects dentistry.
	b. Skills :
	1. 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
	a Acquire skill to provent and manage complications if an equatored
	2. Acquire skill to prevent and manage complications if encountered
	while carrying out various dental surgical and other procedures.
	3. Possess skill to carry out required investigative procedures including
	clinical and radiological investigations and ability to interpret
	laboratory findings.
	 Promote oral health and help to prevent oral diseases wherever possible
	4 Accurate planning of treatment
	5. Compotent in control of pain and anviety during dental treatment
	5. Competent in control of pair and anxiety during dental treatment.
	A graduate should develop during the training period the following attitudes
	A graduate should develop during the training period the following attitudes.
	the patients and the community.
	2. Maintain a high standard of professional ethics and conduct and apply
	these in all aspects of professional life.
	3. Seek to improve awareness and provide possible solutions for oral
	health problems and needs throughout the community.
	4. Willingness to participate in the continuing education programmes to
	update knowledge and professional skills from time to time.
	5. To help and to participate in the implementation of national health
	programmes.
	d. Integration:
	1. From the integrated teaching, the student shall be able to describe the
	various signs and symptoms and interpret the clinical manifestation of
	disease processes.
	2. Horizontal integration can be done in common with basic science
	denartments and vertical integration can be done with clinical
	departments
PEDODONTICS	a. Knowledge and understanding:
AND	1. Adequate knowledge of the scientific foundations' on which
PREVENTIVE	dentistry is based and good understanding of various relevant
DENTISTRY	scientific methods principles of biological functions.
	 Ability to evaluate and analyze scientifically various established
	facts and data
	Adaguata knowledge of the development structure and function
	5. Adequate knowledge of the development, structure and function
	or the teeth, mouth and Jaws and associated tissues both in health
	and disease and their relationship and effect on general state of
	health and also bearing on physical and social well being of the



 4. Adequate knowledge of 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. 5. Adequate clinical experience required for general dental practice 6. Adequate knowledge of the constitution, biological function and behaviour of persons in health and sickness as well as the influence of the natural and social environment on the state of health in so far as it affect dentistry. b. Skills: A graduate should be able to demonstrate the following skills Necessary for practice of dentistry. 1. 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. 2. Prevent and manage complications if encountered while carrying out various surgical and other procedures. 3. Carry out certain investigative procedures and ability to interpret laboratory findings. 4. Promote oral health and help prevent oral diseases where possible. Control pain and anxiety among the patients during dental treatment. c. Attitude: A graduate should develop during the training period the following attitudes. 1. Willingness to apply the current knowledge of dentistry in the best interest of the patient and community. 2. Maintain a high standard of professional life. 3. Seek to improve awareness and provide possible solutions for oral health problems and needs throughout the community. 4. Willingness to apply the current knowledge of dentistry in the best interest of the patient and community. 3. Seek to improve awareness and provide possible solutions for oral health problems and needs throughout the community. 4. Willingness to participate in the CPED Programmes to update knowledge and
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ORTHODONTICS	a. KNOWLEDGE:		
AND	1. Demonstrate understanding of basic sciences relevant to speciality;		
DENTOFACIAL	2. Describe aetiology, pathophysiology, principles of diagnosis and		
ORTHOPAEDICS	management of common problems within the speciality in adults and		
	children;		
	3. Identify social, economic, environmental and emotional determinants		
	in a given case and take the into account for planned treatment;		
	4. Recognise conditions that may be outside the area of speciality or		
	competence and to refer them to the concerned specialist;		
	5. Knowledge by self study and by attending courses, conferences and		
	seminars pertaining to speciality;		
	6. 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 gathering.		
	b. SKILLS:		
	1. take a proper clinical history, examine the patient,		
	1. perform essential diagnostic procedures and order relevant tests and		
	interpret them to come to a reasonable diagnosis about the condition;		
	2. acquire adequate skills and competence in performing various		
	procedures as required in the speciality.		
	c. ATTITUDE:		
	HUMAN VALUES, ETHICAL PRACTICE AND		
	COMMUNICATION ABILITIES.		
	1. adopt ethical principles in all aspects of practice; 2. foster professional		
	honesty and integrity;		
	2. deliver patient care irrespective of social status,		
	3. caste, creed, or religion of the patient;		
	4. develop communication skills, to explain various options		
	5. available and obtain a true informed consent from the		
	6. patient;		
	7. provide leadership and get the best out of his team in a		
	8. congenial working atmosphere;		
	9. apply high moral and ethical standards while carrying out		
	10. human or animal research;		
	11. be humble and accept the limitations in his knowledge and		
	12. skill and to ask for help from colleagues whenneeded;		
	13. respect patient's rights and privileges including patient's		
	14. right to information and right to seek a second opinion		
	d. INTEGRATION:		
	Students should have a holistic understanding of each of the pathological		



	situation and be able to frame a comprehensive treatment plan and deliver		
	treatment to the limitations of what she/ he is trained and efficient and at the		
	same time refer to the concerned specialists thereafter for opinion / further		
	a. Knowledge and understanding:		
FERIODONIOLOGI	To have adequate knowledge and understanding of the basic periodontal		
	tissues, etiology, pathophysiology, diagnosis and treatment planning for		
	various periodontal disease/ problem.		
	b. Skill:		
	To chart a proper clinical history after thorough examination of the patient,		
	able to perform diagnostic procedure; able to interpret laboratory		
	investigation; arrive at a provisional / definitive diagnosis regarding the		
	periodontal problem in question.		
	C. Attitude:		
	learn newer concent so as to keep pace with current technology and		
	development: also to seek opinion from an allied Medical Dental specialist as		
	and when required.		
	d. Integration:		
	From the integrated teaching of other clinical sciences, the students shall be		
	able to describe the various signs, and symptoms and interpret the clinical		
	manifestations of disease processes.		
PROSTHODONTICS	a. KNOWLEDGE:		
	1. Adequate knowledge of the scientific foundations on which dentistry is based and good understanding of various relevant		
	is based and good understanding of various relevant scientific methods, principles of biological functions, ability to		
DRIDGE	evaluate and analyze scientifically various established facts and deals		
	2. Adequate knowledge of the development, structure and function of		
	the teeth, mouth and jaws and associated tissues both in health and		
	disease and their relationship and effect on general state of health		
	and also bearing on physical and social well being of the patient.		
	3. Adequate knowledge of 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.		
	 Adequate clinical experience required for the general dental practice. Adequate knowledge of the constitution, biological functions and 		
	behavior of persons in health and sickness as well as the influence of		
	the natural and social environment on the state of health in so far as it		
	affects dentistry.		



	b. ATTITUDE:		
	During the training period, a graduate should develop the following attitudes.		
	1. Willingness to apply the current knowledge of dentistry in the best		
	interest of the patient and community.		
	2. Maintain a high standard of professional ethics and conduct and apply		
	these in all aspects of professional life.		
	3. Seek to improve awareness and provide possible solutions for oral		
	health problems and needs throughout the community.		
	4. Willingness to participate in the CPED programmes to update		
	knowledge and professional skill time to time.		
	5. Help and participate in the implementation of the National Oral		
	Health Policy.		
	. SKILLS:		
	A graduate should be able to demonstrate the following skills necessary for		
	practice in dentistry.		
	1. Diagnose and mange 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.		
	2. Prevent and manage complications if encountered while carrying out		
	various surgical and other procedures.		
	3. Carry out certain investigative procedures and ability to interpret		
	laboratory findings.		
	4. Promote oral health and help prevent oral disease where possible.		
	5. Control pain and anxiety among the patients during dental treatment.		
	d. INTEGRATION:		
	Integrated knowledge about all the divisions in Prosthodontics		
	(CD,RPD,FPD,IMPLANTS etc).		
CONSERVATIVE	a. KNOWLEDGE AND UNDERSTANDING:		
DENTISTRY AND	The graduate should acquire the following during the period of training.		
ENDODONTICS	1. Adequate knowledge and understanding of Etiology,		
	1. Diagnosis and Treatment procedures.		
	2. Adequate knowledge of the scientific foundations on which dentistry		
	is based and good understanding of various relevant scientific		
	methods, principles of biological functions and		
	3. Should be able to evaluate and analyze scientifically various		
	established facts and data.		
	2. Adequate knowledge of the development, structure and function of		
	the teeth, mouth and jaws and associated tissues both in health and		
	disease and their relationship and effect on general-state of health		



	and also the bearing on physical and social well-being of the patient.
3.	Adequate knowledge of 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.
4	Adequate clinical experience required for general dental practice
5	Adequate knowledge of hiological function and behavior of persons in
5.	health and sickness as well as the influence of the natural and social
	onvironment on the state of health so far as it affects dentistry
h cru	
D. SKIL	LS:
1.	A graduate should be able to demonstrate the following skills
	necessary for practice of dentistry. 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.
2.	Acquire skill to prevent and manage complications if encountered
	while carrying out various dental surgical and other procedures.
3.	Possess skill to carry out required investigative procedures and ability
	to interpret laboratory findings. 4. Promote oral health and help to
	prevent oral diseases wherever possible.
4.	Competent in control of pain and anxiety during dental treatment.
c. ATTI	TUDE:
A grad	uate should develop during the training period the following attitudes.
1.	Have empathy for the patient and do the best possible as situation
	demands.
2.	Willing to apply current knowledge of dentistry in the best interest of
	the patients and the community.
3.	Maintain a high standard of professional ethics and conduct and apply
	these in all aspects of professional life.
4	Seek to improve awareness and provide possible solutions for oral
	health problems and needs throughout the community
	Willingness to participate in the continuing education programmes to
	undate knowledge and professional skills from time to time
6	To hole and to participate in the implementation of national health
0.	ro help and to participate in the implementation of national realth
	programmes.
	State conclusion of the course the student should be able to state on the
	At the conclusion of the course the student should be able to diagnose
	and treat the disease efficiently.
2.	Should integrate interdisciplinary approach and management.



ORAL AND	a. Knowledge and Understanding:		
MAXILLOFACIAL	At the end of the course and clinical training the graduate is		
SURGERY	expected to -		
	 Apply the knowledge gained in the related medical subjects like pathology, Microbiology and general medicine in the management of patients with oral surgical problems. Diagnose, manage and treat (understand the principles of treatment) patients with oral surgical problems. 		
	3. Gain Knowledge of a range of surgical treatments.		
	4. Be able to decide the requirement of a patient to have oral surgical specialist opinion or treatment		
	5. Understand the principles of in-patient management.		
	 Understand the management of major oral surgical procedures and principles involved in patient management. 		
	7. Know the ethical issues and have communication ability.		
	b. Skills:		
	 A graduate should have acquired the skill to examine any patient with an oral surgical problem in an orderly manner, be able to understand requisition of various clinical and laboratory investigations and is capable of formulating differential diagnosis. Should be competent in the extraction of teeth under both local and general anaesthesia. Should be carry out cortain minor oral surgical procedures. 		
	under LA like frenectomy, alveolar procedures & biopsy etc.		
	 Ability to assess, prevent and manage various complications during and after surgery. 		
	Able to provide/primary care and manage medical emergencies in the dental office.		
	 Understand the management of major oral surgical problems and principles involved, in inpatient management. 		
	c. Attitude:		
	A graduate should develop during the training period the following attitudes		
	 Willingness to apply the current knowledge of dentistry in the best interest of the patient and community. 		
	 Maintain a high standard of professional ethics and conduct and apply these in all aspects of professional life. 		
	Seek to improve awareness and provide possible solutions for oral health problems and needs throughout the community.		
	 Willingness to participate in the CDE programmes to update knowledge and professional skill from time to time 		



6. Help and participate in the implementation of the national oral health		
policy.		
d. Integration:		
Horizontal integration - Provision of learning within the structure where		
individual departments/subject areas contribute to the development and		
delivery of learning in a meaningful, holistic manner. Links are made between		
the different subject areas and that learning is enriched by the connections		
and interrelationships being made explicit by this process.		
Vertical integration - combination of basic and clinical sciences in such a way		
that the traditional divide between preclinical and clinical studies are broken		
down. Basic science is represented explicitly in the curriculum within the		
clinical environments during all the years of undergraduate education and		
beyond into postgraduate training and continuing professional development.		
a. KNOWLEDGE:		
1. Apply basic sciences knowledge regarding etiology, diagnosis and		
management of all the oral conditions at the individual and		
community level Identify social, economic, environmental and		
emotional determinants in a given individual patient or a community		
for the purpose of planning and execution of community oral health		
programme.		
2. Ability to conduct oral health surveys in order to identify all the oral		
health problems affecting the community and find solutions using		
multi disciplinary approach.		
3. Ability to act as a consultant in Community Oral Health and take part		
in research (both basic and clinical), present and publish the outcome		
at various scientific conferences and journals, both national and		
international.		
b. SKILLS:		
1. Take history, conduct clinical examination including all diagnostic		
procedures to arrive at diagnosis at the individual level and conduct		
survey of the community at a state and national level of all conditions		
related to oral health to arrive at community diagnosis.		
2. Plan and perform all necessary treatment, prevention, and promotion		
of Oral Health at the individual and community level. Plan appropriate		
Community Oral Health Programme, conduct the programme and		
evaluate, at the community level.		
3. Ability to make use of knowledge of epidemiology to identify causes		
and plan appropriate preventive and control measures. Develop		
appropriate person power at various levels and their effective		
utilization.		



4.	Conduct survey and use appropriate methods to impart Oral Health
	Education Develop ways of helping the community towards easy
	payment plan, followed by evaluation of their oral health care needs.
5.	Develop the planning, implementation, evaluation and administrative
	skills to carry out successful Community oral Health programmes.
c. ATT	ITUDE:
1.	Adopt ethical principles in all aspects of Community Oral Health activities.
2.	To apply ethical and moral standards while carrying out
	epidemiological research. Develop communication skills, in particular
	to explain the causes and prevention of oral health diseases to the patient.
3.	Be humble and accept the limitations in his knowledge and skill and to
	ask for help from colleagues when needed and promote teamwork approach.
4.	Respect patient's rights and privileges including patient's right to
	information and right to seek a second opinion
d. INTI	EGRATION:
At the	conclusions of the course the student should be able to communicate
the ne	eds of the community efficiently, inform the society of all the recent
metho	dologies in preventing oral disease.



COURSE OUTCOMES FOR MDS DEGREE

SPECIALTIES OF MDS	COURSE OUTCOME			
1. PROSTHODONTICS	Aim:			
	To train dental graduates so as to ensure higher competence in both			
	general and special area of Prosthodontics and prepare a candidate for			
	teaching, research and clinical abilities including prevention and after care			
	in prosthodontics including crown and brid-and implantology.			
	General Objectives of the Course:			
	1. Training programme in Prosthodontic dentistry including Crown &			
	Bridge & Implantology is structured to achieve knowledge and skill in			
	theoretical and clinical laboratory, attitude, communicative skills and			
	ability to research with understanding of social, cultural, education and			
	environmental background of the society.			
	2. To have acquired adequate knowledge and understanding of applied			
	basic and systematic medical science knowledge in general and			
	particular to head and neck.			
	3. The postgraduates will 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 graduate and MDS graduate of			
	other specialities to demonstrate evaluative and judgment skills in			
	making appropriate decisions regarding prevention, treatment			
	attercare and referral to deliver comprehensive care to patients.			
	Knowledge			
	The candidate should possess knowledge applied basic and systematic			
	medical sciences.			
	1. On human anatomy, embryology, histology, applied in general and			
	particular to head and heck, Physiology & Biochemistry, Pathology and			
	microbiology, virology, Health and diseases of various systems of the			
	body (systemic) principles in surgery and medicine, Pharmacology,			
	Nutrition, behavioral Science, Age changes, genetics, Immunology,			
	Congenital defects and syndrome and Anthropology, Bioengineering,			
	Bio-medical and Biological Principle and application Dental material			
	Sublice.			
	2. Ability to diagnose and planned treatment for patients requiring a			
	 Ability to road and interpret a radiograph and other investigations for 			
	the nurnose of diagnoses treatment plan			
	4. Tooth and tooth surface restorations. Complete denture			



prosthodontics, removable partial dentures Prosthodontics, fixed prosthodontics and maxillofacial and Craniofacial Prosthodontics,
implants supported Prosthodontics, T.M.J, and occlusion, craniofacial esthetic, and biomaterials. Craniofacial disorders - problems of
psychogenic origin.
5. Age changes and Prosthodontic Therapy for aged.
6. Ability to diagnose failed restoration and provide Prosthodontic therapy and after care.
7. Should have essential knowledge on ethics, laws and Jurisprudence and forensic odontology in Prosthodontics.
 General health conditions and emergency as related to prosthodontics treatment.
9. Identify social, cultural, economic, environmental, educational and emotional determinants of the patient and consider them in planning the treatment.
10. Identify cases, which are outside the area of his speciality/ competence and reffer them to appropriate specialists.
11. Advice regarding case management involving surgical, interim treatment etc.
12. Competent specialization in team management of craniofacial design.
13. Should attend continuing education programmes, seminars and conferences related to prosthodontics in thus updating himself.
14. Teach and guide his / her team, colleague and other students.
15. Should be able to use information technology tools and carry out research basic and clinical, with the aims of publishing his/ her work and presenting hi work at various scientific forum.
16. Should have essential knowledge of personal hygiene, infection control, prevent of cross infection and safe disposal of waste, keeping in view the risks of transfer of Hepatitis & HIV
17. Should have an ability to plan to establish Prosthodontic clinic/hospital teach8; department and practice management
18. Should have a sound knowledge for the application of pharmacology. Effects drugs on oral tissue and systems of a body and for medically compromised
Skills
1. The candidate should be able to examine the patients requiring Prosthodontic therapy, investigate the patient systemically, analyze the investigation results, radiography, diagnose the ailment, plan a treatment, communicate it with the patient and execute it.



· · · · ·	
	2. Understand the prevalence and prevention of diseases of
	craniomandibular system related to Prosthetic dentistry.
	3. The candidate should be able to restore the lost functions of the
	stomatognathic system namely speech, mastication etc to provede
	a quality health care for craniofacial region
	4. The candidate should be able to interact with other speciality
	including a medical speciality for a planned team management of
	patients for a craniofacial and oral acquired and congenital defects,
	Temporomandibular joint syndromes, esthetics, Implant supported
	Prosthetics and problems of Psychogenic origin,
	5. Should be able to demonstrate the clinical competence necessary
	to carry out appropriate treatment at higher level of knowledge,
	training and practice skills currently available in their specialty area.
	6. Identify target diseases and awareness amongst the population for
	Prosthodontic therapy.
	7. Perform clinical and Laboratory procedure with understanding of
	biomaterials, tissue conditions related to prosthesis and has
	competent dexterity and skill for performing clinical and laboratory
	procedures in fixed, removable, implant and maxillofacial TMJ,
	esthetics Prosthodontics.
	8. Laboratory technique management based on skills and knowledge
	of Dental Materials and dental equipment and instruments,
	management.
	9. To understand demographic distribution and target diseases of
	Cranio mandibular region related to Prosthodontic including crown
	& bridge and implantology.
Att	tudes
	1. Adopt ethical principles in all Prosthodontic practice. Professional
	honesty and integrity are to be fostered. Treatment to be delivered
	irrespective of social status, caste, creed or religion of patient.
	2. Willing to share the knowledge and clinical experience with
	professional colleagues.
	3. Willing to adopt new methods and techniques in prosthodoptics
	from time to time based on scientific research which is in patient's
	hest interest
	4. Respect patient's rights and privileges including patients right to
	information and right to seek second opinion
Cor	nmunication Abilities
	1. Develop communication skills, in particular to explain treatment
	ontion available in management
	option available in management.



	2. Provide leadership and get the best out of his group in a congenial
	working atmosphere.
	3. Should be able to communicate in simple understandable language
	with the patient and explain the principles of prosthodontics to the
	patient. He should be able to guide and counsel the patient with
	regard to various treatment modalities available.
	4. Develop the ability to communicate with professional colleagues
	through various media like Internet, e-mail, videoconference, and
	etc. to render the best possible treatment.
PERIODONTICS	Objectives
	Knowledge
	1. Historical perspective to advancement in the subject proper and
	related topics.
	2. Etiology, pathogenesis, diagnosis and management of common
	periodontal diseases with emphasis on Indian population.
	3. Familiarize with the biochemical, microbiologic and immunologic
	genetic aspects of periodontal pathology.
	4. Various preventive periodontal measures.
	5. Various treatment modalities of periodontal disease from historical
	aspect to currently available ones.
	6. Interrelationship between periodontal disease and various systemic
	conditions.
	7. Periodontal hazards due to estrogenic causes and deleterious
	habits and prevention of it.
	8. Identify rarities in periodontal disease and environmental/
	Emotional determinates in a given case.
	9. Recognize conditions that may be outside the area of his
	Speciality/competence and refer them to an appropriate Specialist.
	10 Decide regarding non-surgical or surgical management of the case
	11 Undate him by attending course conferences and seminars
	relevant to periodontics or by self-learning process
	12 Plan out/ carry out research activity both basic and clinical aspects
	with the aim of publishing his work in scientific journals
	13. Reach to the public to motivate and educate regarding periodontal
	disease its prevention and consequences if not treated
	14. Plan out enidemiological survey to assess prevalence and incidence
	of early onset periodontitis and adult periodontitis in Indian
	nonulation (Pogion wise)
	15 Shall dovelon knowledge, skill in the science and practice of Oral
	Indiantelegy
	population (Region wise). 15. Shall develop knowledge, skill in the science and practice of Oral Implantology.



	16	. Shall develop teaching skill in the field of Periodontology and Oral
	SKILL	mplantology
	1	Take a proper clinical history thorough examination 01 intra orally
	1.	extra orally, medical history evaluation, advice essential diagnostic
		procedures and interpret them to come to a reasonable diagnosis
	2.	Effective motivation and education regarding periodontal disease maintenance after the treatment
	3	Perform both non-surgical & education regarding periodontal
	0.	disease, maintenance after the treatment
	4.	Perform both non-surgical and surgical procedures independently
	5.	Provide Basic Life Support Service (BLS) recognizes the need for and
		advance life support and does the immediate need for that.
	Huma	n values, ethical practice to communication abilities
	1.	Adopt ethical principles in all aspects of treatment modalities,
		Professional honesty & integrity are to be fostered
	2.	Develop or Adopt ethical principles in all aspects of treatment
		modalities; Professional honesty & integrity are to be fostered.
	3.	Develop Communication skills to make awareness regarding
	1	Apply high moral and othical standards while carrying out human or
	4.	animal research
	5.	Be humble, accept the limitations in his knowledge and skill, and
		ask for help from colleagues when needed.
	6.	Respect patient's rights and privileges, including patients right to
		information and right to seek a second opinion.
ORAL AND	Object	tives:
MAXILLOFACIAL	1.	The training program in Oral and Maxillofacial Surgery is structured
SURGERY		to achieve the following four objectives-
	2.	Knowledge:
	3.	To have acquired adequate knowledge and understanding of the
		etiology, pathophysiology and diagnosis, treatment planning of
		various common oral and Maxillofacial surgical problems both
		minor and major in nature.
	4.	To have understood the general surgical principles like pre and post
		surgical management, particularly evaluation, post surgical care,
		fluid and electrolyte management, blood transfusion and post
		surgical pain management.
	5.	Understanding of basic sciences relevant to practice or oral and
1	1	maxillotacial surgery.



	6. 7.	Able to identify social, cultural, economic, genetic and environmental factors and their relevance to disease process management in the oral and Maxillofacial region. Essential knowledge of personal hygiene and infection control,
		prevention c cross infection and safe disposal of hospital waste keeping in view the high prevalence of hepatitis and HIV.
Sk	kill	
	1.	To obtain proper clinical history, methodical examination of the patient, perform essential diagnostic procedures and order relevant laboratory tests and interpret them and to arrive at a reasonable diagnosis about the surgical condition.
	2.	To perform with competence minor oral surgical procedures and common maxillofacial surgery. To treat both surgically and medically (or by other means of the oral and Maxillofacial and the related area).
	3.	Capable of providing care for maxillofacial surgery patients.
At	ttitud	le:
	1.	Develop attitude to adopt ethical principles in all aspect of surgical practice, professional honesty and integrity are to be fostered. Surgical care is to be delivered irrespective of the social status, caste, creed or religion of the patient.
	2.	Willing to share the knowledge and clinical experience with professional colleagues.
	3.	Willing to adopt new and techniques of surgical management developed from time to time based on scientific research which are in the best interest of the patient
	4.	Respect patient right and privileges, including patients right to information and right to seek a second opinion.
	5.	Develop attitude to seek opinion from an allied medical and dental specialists as and when required.
Co	omm	unication skills:
	1.	Develop adequate communication skills particularly with the patients giving them the various options available to manage a particular surgical problem and obtain a true informed consent from them for the most appropriate treatment available at that point of time
	2. 3.	Develop the ability to communicate with professional colleagues. Develop ability to teach undergraduates.



CONSERVATIVE	Objectives	
DENTISTRY	1. The following objectives are laid out to achieve	the goals of the
	course. These are to be achieved by the tim	e the candidate
	completes the course.	
	2. Knowledge	
	3. At the end of 36 months of training, the candidate	es should be able
	to:	
	 Describe aeitology, pathophysiology, periapica management of common restorative situation situations that will include contemporary manage caries, management of trauma and pulpal pathophysiology 	diagnosis and ons, endodontic ement of dental thoses including
	5 Demonstrate understanding of basic sciences	as relevant to
	conservative / restorative dentistry and Endodonti	CS.
	6. Identify social. economic. environmental	and emotional
	determinants in a given case or community and	take them into
	account for planning and execution at individual	and community
	level.	,
	7. Ability to master differential diagnosis and reco	gnize conditions
	that may require mufti disciplinary approach or a	clinical situation
	outside the realm of the specialty, which he or sh	e should be able
	to recognize and refer to appropriate specialist.	
	8. Update himself by self-study and by attended base	sic and advanced
	courses, conferences, seminars, and workshops ir	the specialty of
	Conservative Dentistry- Endodontics-Dental	Materials and
	Restorative Dentistry.	
	9. Ability to teach, guide, colleagues and oth information technology tools and carry out research	er students.Use
	clinical with the aim of his publishing his work an	d presenting the
	same at scientific platform	, , , , , , , , , , , , , , , , , , ,
	, ills	
	1. Take proper chair side history, exam the patie	ent and perform
	medical and dental diagnostic procedures and	order as well as
	perform relevant tests and interpret to them	to come to a
	reasonable diagnosis about the dental condition	in general and
	Conservative Dentistry - Endodontics in particula	r. And undertake
	complete patient monitoring including preoperative	e as well as post
	operative care of the patient.	
	2. Perform all levels of restorative work and surgical	and non-surgical
	Endodontics including endodontic endoosseous im	plants, as well as



	andodantic nariadantal surgical procedures as part of
	endodontic-periodontal surgical procedures as part of
	multidisciplinary approach to clinical condition.
	3. Provide basic life saving support in emergency situations.
	Manage scute pulpal and pulpo periodontal situations.
	5. Have a thorough knowledge of infection control measures in the
	dental clinical environment and laboratories.
	Human Values, Ethical Practice and Communication Abilities
	1. Adopt ethical principles in all aspects of restorative and
	contemporaries Endodontics" including non-surgical and surgical
	Endodontics.
	2 Professional honesty and integrity should be the top priority
	3 Dental care has to be provided regardless of social status caste
	s. Dental care has to be provided regardless of social status, easie,
	4 Develop communication skills in particular to evoluin various
	4. Develop communication skins- in particular to explain various
	options available management and to obtain a true mormed
	consent from the patient.
	5. Apply high moral and ethical standards while carrying on human or
	animal research. He / She shall not carry out any heroic procedures
	and must know his limitations in performing all aspects of
	restorative dentistry including Endodontics. Ask for help from
	colleagues or seniors when required without hesitation. Respect
	patient's rights and privileges including patients right to
	information.
ORTHODONTICS &	Objectives
DENTOFACIAL	1. The training programme in Orthodontics is to structure and achieve
ORTHOPAEDICS	the following four objectives
	2. Knowledge
	3 The dynamic interaction of biologic processes and mechanical
	5. The dynamic interaction of biologic processes and incendined
	treatment
	4 The eticleary nothenbygiology diagnesis and treatment planning of
	4. The etiology, pathophysiology, diagnosis and treatment planning of
	various common Orthodontic problems
	5. Various treatment modalities in Orthodontics preventive
	interceptive and corrective.
	6. Basic sciences relevant to the practice of Orthodontics
	7. Interaction of social, cultural, economic, genetic and environmental
	factors and their relevance to management of oro - facial
	deformities
	8. Factors affecting the long-range stability of orthodontic correction
	and their management



9.	Personal hygiene and infection control, prevention of cross infection and safe disposal of hospital waste, keeping in view the high prevalence of Hepatitis and HIV and other highly contagious
Skille	diseases.
Skills 1	To obtain proper clinical history methodical examination of the
	patient, perform essential diagnostic procedures, and interpret them and arrive at a reasonable diagnosis about the Dentofacial deformities.
2.	To be competent to fabricate and manage the most appropriate appliance - intra or extra oral, removable or fixed, mechanical or functional, and active or passive – for the treatment of any orthodontic problem to be treated singly or as a part of multidisciplinary treatment of orofacial deformities.
Attitu	des
1.	Develop an attitude to adopt ethical principles in all aspects of Orthodontic practice.
2.	Professional honesty and integrity are to b fostered
3.	Treatment care is to be delivered irrespective of the social Status, cast. creed or colleagues
4.	Willingness to share the knowledge and clinical experience with professional colleagues
5.	Willingness to adopt, after a critical assessment, new methods and techniques of orthodontic management developed from time to time based on scientific research, which are in the best interest of the patient
6.	Respect patients rights and privileges, including patients right to information and right to seek a second opinion
7.	Develop attitude to seek opinion from allied medical and dental specialists as and when required
Comm	unication skills
1.	Develop adequate communication skills particularly with the
	patients giving them various options available to manage a
	particular Dentofacial problem and to obtain a true informed
	consent from them for the most appropriate treatment available at
	that point of time.
2.	Develop the ability to communicate with professional colleagues, in Orthodontics or other specialities through various media like correspondence. Internet, e-video, conference, etc. To render the
	best possible treatment.



ORAL PATHOLOGY	Objectives	
AND MICROBIOLOGY	 To train a post graduate dental surgeon so as to ensure higher competence in both general and special pathology dealing with the nature of oral diseases, their causes, processes and effects. An oral pathologist is expected to perform routine histopathological evaluation of specimens relating to oral and perioral tissues, to carry out routine diagnostic procedures including hematological, cytological, microbiological, Immunological and ultra structural investigations. He/she is expected to have an understanding of current research methodology, collection and interpretation of data, ability to carry out research projects on clinical and or epidemiological aspects, a working knowledge on current databases, automated data retrieval systems, referencing and skill in writing scientific papers. 	
	4. He/she is expected to present scientific data pertaining to the field,	
	in conferences both as poster and verbal presentations and ot take	
	Philostives	
	Objectives	
DENTISTY	At the end of 3 years of training the candidate should be able to:	
	Knowledge	
	1. Apply basic sciences knowledge regarding etiology, diagnosis and	
	management of the prevention, promotion and treatment of all the oral conditions at the individual and community level	
	2. Identify social. economic. environmental and emotional	
	determinants in a given individual patient or a community for the purpose of planning and execution of Community Oral Health Program.	
	 Ability to conduct Oral Health Surveys in order to identify all the oral health problems affecting the community and find solutions using multi - disciplinary approach. 	
	4. Ability to act as a consultant in community Oral Health, teach, guide and take part in research (both basic and clinical), present and publish the outcome at various scientific conferences and journals, both national and international level	
	The candidate should be able to	
	1. Take history, conduct clinical examination including all diagnostic	
	procedures to arrive at diagnosis at the individual level and conduct	
	survey of the community at state and national level of all conditions	



		and a stand of the
		related to oral nealth to arrive at community diagnosis. Plan and
		Hoal at the individual and community level
	2	Real at the multipludi and community or least between a service the
	Ζ.	Plan appropriate community Oral Health Program, conduct the
	2	hility to make use of knowledge of enidemiclary to identify
	3.	Ability to make use of knowledge of epidemiology to identify
		causes and appropriate preventive and control measures.
	4.	Develop appropriate person power at various levels and their
	-	effective utilization.
	5.	Conduct survey and use appropriate methods to impart Oral Health
	C	Education.
	6.	Develop ways of neiping the community towards easy payment
	-	plan, and followed by evaluation for their oral health care needs.
	/.	administrative skills to carry out successful community Oral Health
		Drograms
	Value	
	values	Adapt athical principles in all aspects of Community Oral Health
	1.	Activition
	2	To apply ethical and moral standards while carrying out
	۷.	enidemiological researches
	3	Develop communication skills in particular to explain the causes
	5.	and prevention of oral diseases to the natient
	4	Be humble and accept the limitations in his knowledge and skill and
		to ask for help from colleagues when needed and promote
		teamwork approach
	5.	Respect patient's rights and privileges including patients right to
	5.	information and right to seek a second opinion.
PAEDODONTICS &	Obiect	tives
PREVENTIVE	1.	At the end of 3 years of training the candidate should be able to
DENTISTRY	2.	Create not only a good oral health in the child but also a good
		citizen tomorrow.
	3.	Instill a positive attitude and behavior in children
	4.	Understand the principles of prevention and preventive dentistry
		right from birth to adolescence
	5.	Guide and counsel the parents in regards to various treatment
		modalities including different facets of preventive dentistry
	6.	Prevent and intercept developing malocclusion
	Skills	
	1.	Obtain proper clinical history, methodological examination of the



	child patient, perform essential diagnostic procedures and interpret	
	them, and arrive at a reasonable diagnosise and treat appropriately	
	2. Be competent to treat dental diseases which are occurring in child	
	patient.	
	3. Manage to repair and restore the lost / tooth structure to maintain	
	harmony between both hard and soft tissues of the oral cavity.	
	4. Manage the disabled children effectively and efficiently, tailored to	
	the needs of individual requirement and conditions.	
	Attitudes	
	1. Develop an attitude to adopt ethical principles in all aspects of	
	Pedodontic practice.	
	Professional honesty and integrity are to be fostered	
	3. Treatment care is to be delivered irrespective of the social status,	
	cast, creed, and religion of the patients.	
	4. Willingness to share the knowledge and clinical experience with	
	professional colleagues.	
	5. Willingness to adopt, after a critical assessment, new methods and	
	techniques of Pedodontic management developed from time to	
	time, based on scientific research, which is in the best interest of	
	the child patient.	
	6. Respect child patient's rights and privileges, including child patients	
	right to information and right to seek a second opinion.	
	7. Develop an attitude to seek opinion from allied medical and dental	
	specialities, as and when required	
ORAL MEDICINE AND	Objectives:	
RADIOLOGY	Knowledge: Theoretical, Clinical and practical knowledge of all mucosal	
	lesions, diagnostic procedures pertaining to them and latest information of	
	imaging modules.	
	Skills: Three important skills need to be imparted	
	1. Diagnostic skill in recognition of oral lesions and their management	
	2. Research skills in handling scientific problems pertaining to oral	
	treatment	
	5. Chinical and Didactic skins in encouraging younger doctors to attain	
	Attitudes: the positive montal attitude and the persistence of continued	
	Autures. the positive mental auture and the persistence of continued	
	learning need to be inculcated.	