

COMPETENCIES

At the completion of the undergraduate training programme the graduates shall be competent in the following.-

General Skills

- Apply knowledge & skills in day to day practice
- Apply principles of ethics
- Analyze the outcome of treatment
- Evaluate the scientific literature and information to decide the treatment
- Participate and involve in professional bodies
- Self assessment & willingness to update the knowledge & skills from time to time
- Involvement in simple research projects
- Minimum computer proficiency to enhance knowledge and skills
- Refer patients for consultation and specialized treatment
- Basic study of forensic odontology and geriatric dental problems

Practice Management

- Evaluate practice location, population dynamics & reimbursement mechanism
- Co-ordinate & supervise the activities of allied dental health personnel
- Maintain all records
- Implement & monitor infection control and environmental safety programs
- Practice within the scope of one's competence

Communication & Community Resources

- Assess patients goals, values and concerns to establish rapport and guide patient care
- Able to communicate freely, orally and in writing with all concerned
- Participate in improving the oral health of the individuals through community activities.

Patient Care – Diagnosis

- Obtaining patient's history in a methodical way
- Performing thorough clinical examination
- Selection and interpretation of clinical, radiological and other diagnostic information
- Obtaining appropriate consultation
- Arriving at provisional, differential and final diagnosis

Patient Care – Treatment Planning

- Integrate multiple disciplines into an individual comprehensive sequence treatment plan using diagnostic and prognostic information
- Able to order appropriate investigations

Patient Care – Treatment

- Recognition and initial management of medical emergencies that may occur during Dental treatment
- Perform basic cardiac life support

Uncomplicated extraction of teeth
 Transalveolar extractions and removal of simple impacted teeth
 Minor oral surgical procedures
 Management of Oro-facial infections
 Simple orthodontic appliance therapy
 Taking, processing and interpretation of various types of intra oral radiographs
 Various kinds of restorative procedures using different materials available
 Simple endodontic procedures
 Removable and fixed prosthodontics
 Various kinds of periodontal therapy

ORAL MEDICINE & RADIOLOGY

- Able to identify precancerous and cancerous lesions of the oral cavity and refer to the concerned speciality for their management
- Should have an adequate knowledge about common laboratory investigations and interpretation of their results.
- Should have adequate knowledge about medical complications that can arise while treating systemically compromised patients and take prior precautions/ consent from the concerned medical specialist.
- Have adequate knowledge about radiation health hazards, radiations safety and protection.
- Competent to take intra-oral radiographs and interpret the radiographic findings
- Gain adequate knowledge of various extra-oral radiographic procedures, TMJ radiography and sialography.
- Be aware of the importance of intra- and extra-oral radiographs in forensic identification and age estimation
- Should be familiar with jurisprudence, ethics and understand the significance of dental records with respect to law

PAEDIATRIC & PREVENTIVE DENTISTRY

- Able to instill a positive attitude and behaviour in children towards oral health and understand the principles of prevention and preventive dentistry right from birth to adolescence.
- Able to guide and counsel the parents in regards to various treatment modalities including different facets of preventive dentistry.
- Able to treat dental diseases occurring in child patient.
- Able to manage the physically and mentally challenged disabled children effectively and efficiently, tailored to the needs of individual requirement and conditions.

ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS

- Understand about normal growth and development of facial skeleton and dentition.
- Pinpoint aberrations in growth process both dental and skeletal and plan necessary treatment
- Diagnose the various malocclusion categories
- Able to motivate and explain to the patient (and parent) about the necessity of treatment
- Plan and execute preventive orthodontics (space maintainers or space regainers)
- Plan and execute interceptive orthodontics (habit breaking appliances)
- Manage treatment of simple malocclusion such as anterior spacing using removable appliances
- Handle delivery and activation of removable orthodontic appliances
- Diagnose and appropriately refer patients with complex malocclusion to the specialist

PERIODONTOLOGY

- Diagnose the patients periodontal problem, plan and perform appropriate periodontal treatment
- Competent to educate and motivate the patient
- Competent to perform thorough oral prophylaxis, subgingival scaling, root planning and minor periodontal surgical procedures
- Give proper post treatment instructions and do periodic recall and evaluation
- Familiar with concepts of osseointegration and basic surgical aspects of implantology

PROSTHODONTICS AND CROWN & BRIDGE

- Able to understand and use various dental materials
- Competent to carry out treatment of conventional complete and partial removable dentures and fabricate fixed partial dentures
- Able to carry out treatment of routine prosthodontic procedures.
- Familiar with the concept of osseointegration and the value of implant-supported Prosthodontic procedures

CONSERVATIVE DENTISTRY AND ENDODONTICS

- Competent to diagnose all carious lesions
- Competent to perform Class I and Class II cavities and their restoration with amalgam

ORAL & MAXILLOFACIAL SURGERY

- Able to apply the knowledge gained in the basic medical and clinical subjects in the management of patients with surgical problems
- Able to diagnose, manage and treat patients with basic oral surgical problems
- Have a broad knowledge of maxillofacial surgery and oral implantology
- Should be familiar with legal, ethical and moral issues pertaining to the patient care and communication skills
- Should have acquired the skill to examine any patient with an oral surgical problem in an orderly manner
- Understand and practice the basic principles of asepsis and sterilisation
- Should be competent in the extraction of the teeth under both local and general anaesthesia
- Competent to carry out certain minor oral surgical procedure under LA liketrans-alveolar extraction, frenectomy, dento alveolar procedures, simple impaction, biopsy, etc.
- Competent to assess, prevent and manage common complications that arise during and after minor oral surgery
- Able to provide primary care and manage medical emergencies in the dental office
- Familiar with the management of major oral surgical problems and principles involved in the in-patient management

PUBLIC HEALTH DENTISTRY

- Apply the principles of health promotion and disease prevention
- Have knowledge of the organization and provision of health care in community and in the hospital service
- Have knowledge of the prevalence of common dental conditions in India.
- Have knowledge of community based preventive measures
- Have knowledge of the social, cultural and env. Factors which contribute to health or illness.
- Administer and hygiene instructions, topical fluoride therapy and fissure sealing.
- Educate patients concerning the aetiology and prevention of oral disease and encourage them to assure responsibility for their oral health.

MINIMUM WORKING HOURS FOR EACH SUBJECT OF STUDY
(B.D.S COURSE)

Subjects	Lecture Hours	Practical Hours	Clinical Hours	Total Hours
General Human Anatomy Including Embryology, Osteology and Histology.	100	175		275
General Human Physiology	120	60		180
Biochemistry	70	60		130
Dental Materials	80	240		320
Dental Anatomy Embryology, and Oral Histology	105	250		355
Dental Pharmacology & Therapeutics	70	20		90
General Pathology Microbiology	55	55		110
	65	50		115
General Medicine	60		9	150
General Surgery	60		90	150
Oral Pathology & Microbiology	145	130		275
Oral Medicine & Radiology	65		170	235
Paediatric & Preventive Dentistry	65		170	235
Orthodontics & dental orthopaedics	50		170	220
Periodontology	80		170	250
Oral & Maxillofacial Surgery	70		270	340
Conservative Dentistry & Endodontics	135	200	370	705
Prosthodontics & Crown & Bridge	135	300	370	805
Public Health Dentistry including Lectures on Tobacco Control & Habit Cessation	60		200	260
Total	1590	1540	1989	5200

Note:

There should be a minimum of 240 teaching days each academic year consisting of 8 work hours, including one hour of lunch break.

Internship – 240x8 hours-1920 clinical hours



No : DCII/ 67/2023
Government Dental College & Hospital,
Ahmedabad - 16
Date : 03/08/23

ACADEMIC CALENDAR 2023-2024

MONTHS	ACTIVITY
July 2023	1 st IQAC Meeting
July	Value Added Course
July	1 st Interdepartmental Seminar
July	CDE Program
July	2 nd internal exam batch 1 st year batch 22-23
July	1 st internal exam batch 2 nd year batch 22-23
July	University exam 3 rd year
August	Commencement Of 1 st Term For 4 th Year BDS
August	Final year Orientation programme
August	Independence Day Celebration
August	Janmashtami Program In Hostel
August	CDE Program
August	Faculty Development Program
August	Value Added Course
August or September	Ganesh Utsav Celebration In Hostel
September	1 st year prelim exam batch 22-23
September	2 nd year second internal exam batch 22-23
September	Commencement Of 1 st Term For 1 st Year MDS Students
September	2 nd Interdepartmental Seminar
September	Employability And Skill Development Program
5 th September	Teacher's Day
September	Program On Facial Esthetic
September	Human Value Development program
September	Prelim exam new syllabus MDS (batch 22-23) part I
September	CDE Program
September	Value Added Course
September	Ethical Committee meetings
September	ADD On Course
September/October	Mrudang Event For Navratri
September/October	Commencement Of 1 st Year BDS & 1 st year MDS
September/October	Orientation Program For 1 st BDS & 1 st MDS And Awareness For Code Of Conduct
September/October	Program On Professional Ethics
September/October	Commencement of new batch for internship and Orientation Program For Interns
October	Photography Skill Development Program
October	Final university exam new syllabus MDS(batch 22-23) part I ?????



October	Commencement Of 1 st Term For 2 nd Year MDS??????
October	Interdepartmental Seminar
October	Faculty Development Program
October	Gender Equality Program
October	CDE Program
October	Program On Language And Communication Skill Development
October	Value Added Course
October	ADD On Course
October	Cultural & Sports Activity For BDS & MDS Students.
October /November	Diwali Vacation For BDS Students
November	2 nd IQAC Meeting
7 th November	World Cancer Awareness Day
November	Second year orientation programme
November	Program On Personality And Professional Development
November	Value Added Course
November	ADD On Course
November/December	1 st Terminal Exam For 4 th BDS Students
1 st December	World AIDS Day Celebration
December	CDE Program
December	Faculty Development Program
December	Interdepartmental Seminar
December	Program For Career Counseling And Competitive Examinations
December	prelim exam for 2 nd year BDS
December	Library Thesis Submission For 2 nd Year MDS Students
December	Dissertation Submission For 3 rd Year MDS
December	Value Added Course
January 2024	1 st internal exam for 1 st year and 2 nd year BDS
January	Parent Teacher Meetings For 3 rd & 4 th Year BDS
January	Interdepartmental Seminar
January	CDE Program
January	ADD On Course
January (Last Week)	3 rd IQAC Meeting
February	2 nd year university exam batch 2022-23
February	Final year 2 nd internal exam batch 2023-24
February	Value Added Course
February	Program On Professional Ethics
February	Faculty Development Program
February	ADD On Course
February	Interdepartmental Seminar
February	2 nd Terminal Exam For 3 rd and 4 th BDS Students
February / March	University exam 1 st BDS (22-23 Batch)????????
March	Orientation programme for 3 rd year (23-24 batch)
March	CDE Program
March	Oral health week celebration (20 th march)
March	WOMENS EQUALITY Celebration
March	Add On Course


March	Interdepartmental Seminar
April	Value Added Course
April	2 nd year second internal examination 2023-24
April	CDE Program
April	World health day celebration (7 th April)
April	ADD On Course
April	4 th IQAC Meeting
April	Interdepartmental Seminar
April	Parent Teacher Meetings For 1 st & 2 nd Year BDS
April/May	Summer Vacation Starts For Staff
31 st May	No Tobacco Day Celebration
May	ADD On Course
May	Prelim Exam For 4 th BDS Students
	Second internal exam for 1 st year BDS 2023-24
June	Third year 1 st internal exam
21 st June	Yoga Day Celebration
June	ADD On Course
June	Reading Vacations For BDS Students
June	Value Added Course
June	Prelim exam for 1 st year BDS
June/July	Final University Exam For 4 th year BDS
Total Working Days	303
Public Holidays Including Sundays	62

Note: Diwali vacation will not be given to 3rd, 4th BDS and MDS students as they have clinical posting. Final dates of internal examinations will be circulated before 15 days and university examinations dates will be declared as per university circulars. commencement of term may subject to change as per admission process.

Copy to: All Departments, IAQC
Student section
Notice Board


IQAC Coordinator



Dean
Government Dental college & hospital,
Ahmedabad


7/8/23