

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



Government Dental College and Hospital

Ahmedabad

No : DCH/

A2/2016

Government Dental College & Hospital,

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Date : 01/08/2016

ACADEMIC CALENDAR 2016-017

MONTHS	ACTIVITY
August 2016	Commencement of 1 st term for 2 nd , 3 rd , 4 th year BDS
August	Orientation programme for 2 nd , 3 rd , 4 th year BDS for student
September	commencement of 1 st year BDS
September	Orientation programme for 1 st year BDS
October	Orientation programme for Interns
May to October	Preclinical exercises for 1 st year MDS students
November /December	Clinical posting start for 1 st year MDS
October /November	Diwali vacation for BDS students
November/December	1 st terminal exam for BDS students
October	Cultural and sports activity for BDS & MDS students.
November/December	Start of 2 nd teaching term for MDS
December	Library thesis submission for 2 nd year MDS studnets
December	Dissertation submission for 3 rd year MDS
December/January	Start of 2 nd teaching term for BDS
March 2017	2 nd terminal exam for BDS students
March 2017	Prelim(MOCK) exam for 3 rd year MDS
April 2017	University exam for 3 rd year MDS
May 2017	Commencement of 1 st term for 1 st , 2 nd , 3 rd year MDS
May/June 2017	Prelim exam for BDS students
May 2017	Orientation programme for MDS student
June 2017	Reading Vacations for BDS Students
July 2017	Final university exam for BDS
Total Working days	286
Public Holidays including Sundays	80

Note: Diwali vacation will not be given to 3rd, 4th BDS and MDS students as they have clinical posting. Oral surgery department is working 24/7 as a part of civil hospital campus. Final dates of internal examinations will be circulated before 15 days and university examinations dates will be declared as per university circulars

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No : DCH/ 51/2017

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Date : 03/07/2017

ACADEMIC CALENDAR 2017-2018

MONTHS	ACTIVITY
July /August 2017	Commencement of 1 st term for 3 rd , 4 th year BDS
August	Orientation programme for , 3 rd , 4 th year BDS for student
September	commencement of 1 st and 2 nd year BDS
September	Orientation programme for 1 st and 2 nd year BDS
October	Orientation programme for Interns
May to October	Preclinical exercises for 1 st year MDS students
November /December	Clinical posting start for 1 st year MDS
October /November	Diwali vacation for BDS students
November/December	1 st terminal exam for BDS students
October	Cultural and sports activity for BDS & MDS students.
November	32 nd IACDE and 25 th IES National conference
November/December	Start of 2 nd teaching term for MDS
December	Library thesis submission for 2 nd year MDS studnets
December	Dissertation submission for 3 rd year MDS
December/January	Start of 2 nd teaching term for BDS
January 2018	NAMO E Tablet Distribution
March 2018	2 nd terminal exam for BDS students
March/april 2018	Prelim(MOCK) exam for 3 rd year MDS
May	NO TOBBACCO DAY celebration
May/June 2018	Prelim exam for BDS students
May 2018	Commencement of 1 st term for 1 st , 2 nd , 3 rd year MDS
May 2018	Orientation programme for MDS student
June 2018	International YOGA DAY Celebration
June 2018	University exam for 3 rd year MDS

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June 2018	Reading Vacations for BDS Students
July	National doctor's day celebration
July 2018	Final university exam for BDS
Total Working days	284
Public Holidays including Sundays	81

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No : DCH/ 63/2018

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Date :02 /07/2018

ACADEMIC CALENDAR 2018-2019

Every stake holders of the institute are informed to see the new events added in this academic calendar from this academic year. New programmes and events are added like NAMO E tablet Distribution, International YOGA DAY Celebration, FIRE SAFETY Training & Programme, World oral health day celebration.

MONTHS	ACTIVITY
July-august 2018	Commencement of 1 st term for 3 rd , 4 th year BDS
August	Orientation programme for , 3 rd , 4 th year BDS for student
September	commencement of 1 st and 2 nd year BDS
September	Orientation programme for 1 st and 2 nd year BDS
October	Orientation programme for Interns
May to October	Preclinical exercises for 1 st year MDS students
November /December	Clinical posting start for 1 st year MDS
October /November	Diwali vacation for BDS students
November/December	1 st terminal exam for BDS students
October	Cultural and sports activity for BDS & MDS students.
November/December	Start of 2 nd teaching term for MDS
December	Library thesis submission for 2 nd year MDS studnets
December	Dissertation submission for 3 rd year MDS
December/January	Start of 2 nd teaching term for BDS
January 2019	Fire Safety training and Programme
January 2019	NAMO E TABLET distribution
March	World oral health day celebration
March 2019	2 nd terminal exam for BDS students
March/April 2019	Prelim(MOCK) exam for 3 rd year MDS & Prelim theory exam paper 1 for 1 st year MDS (New syllabus)
April/May 2019	University exam for 3 rd year MDS & University theory exam paper1 for 1 st year MDS (New syllabus)

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May/June 2019	Prelim exam for BDS students
May 2019	Commencement of 1 st term for 1 st , 2 nd , 3 rd year MDS
May 2019	Orientation programme for MDS student
June 2019	Reading Vacations for BDS Students
June	International YOGA DAY Celebration
July 2019	Final university exam for BDS
Total Working days	286
Public Holidays including Sundays	79

Note: Diwali vacation will not be given to 3rd, 4th BDS and MDS students as they have clinical posting. Oral surgery department is working 24*7 as a part of civil hospital campus. Final dates of internal examinations will be circulated before 15 days and university examinations dates will be declared as per university circulars.

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No : DCH/ 67/2019
Government Dental College & Hospital,
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Date : 01/07/2019

ACADEMIC CALENDAR 2019-2020

Every stake holders of the institute are informed to see the new events added in this academic calendar from this academic year. New programmes and events are added like Expectation of NABH Final Assessment, ISDR National Conference, New Hostel Inauguration , NAMO E tablet Distribution and International YOGA DAY Celebration

MONTHS	ACTIVITY
July/august 2019	Commencement of 1 st term for 3 rd , 4 th year BDS
August	Orientation programme for , 3 rd , 4 th year BDS for student
August	commencement of 1 st and 2 nd year BDS
August	Orientation programme for 1 st and 2 nd year BDS
September	Orientation programme for Interns
October 2019	Expectation of NABH Final Assessment
May to October	Preclinical exercises for 1 st year MDS students
November /December	Clinical posting start for 1 st year MDS
November	ISDR National Conference
November	Expectation of New Hostel Inauguration
October /November	Diwali vacation for BDS students
November/December	1 st terminal exam for BDS students
October	Cultural and sports activity for BDS & MDS students.
November/December	Start of 2 nd teaching term for MDS
December	NAMO E-Tablet Distribution
December	Library thesis submission for 2 nd year MDS studnets
December	Dissertation submission for 3 rd year MDS
December/January	Start of 2 nd teaching term for BDS
March	World oral health day celebration
March 2020	2 nd terminal exam for BDS students
March/April 2020	Prelim(MOCK) exam for 3 rd year MDS & Prelim theory exam paper1 for 1 st year MDS (New syllabus)

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April/May 2020	University exam for 3 rd year MDS & University theory exam paper 1 for 1 st year MDS (New syllabus)
May	NO TOBACCO DAY celebration
May/June 2020	Prelim exam for BDS students
May/June 2020	Commencement of 1 st term for 1 st , 2 nd , 3 rd year MDS
May/June 2020	Orientation programme for MDS student
June 2020	Reading Vacations for BDS Students
June	International YOGA DAY Celebration
July	National doctor's day celebration
July 2020	Final university exam for BDS
Total Working days	285
Public Holidays including Sundays	80

Note: Diwali vacation will not be given to 3rd, 4th BDS and MDS students as they have clinical posting. Oral surgery department is working 24*7 as a part of civil hospital campus. Final dates of internal examinations will be circulated before 15 days and university examinations dates will be declared as per university circulars

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No : DCH/ 94/2020

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Date : 01/09/2020

ACADEMIC CALENDAR 2020-2021

Every stake holders of the institute are informed to see the new events added in this academic calendar from this academic year. New programmes and events are added like Expectation of Inauguration of CBCT in OMR Department, Tree Plantation day, National Doctor's day celebration.

MONTHS	ACTIVITY
September/October 2020	Commencement of 1 st term for 2 nd , 3 rd , 4 th year BDS
September	Orientation programme for 2 nd , 3 rd , 4 th year BDS for student
September	Commencement of 1 st year BDS
September	Orientation programme for 1 st BDS
October	Inauguration of CBCT IN OMR Dept.
October	Orientation programme for Interns
June to November	Preclinical exercises for 1 st year MDS students
November /December	Clinical posting start for 1 st year MDS
November	Diwali vacation for BDS students
November/December	1 st terminal exam for BDS students
December/January	Cultural and sports activity for BDS & MDS students.
November/December	Start of 2 nd teaching term for MDS
December	Library thesis submission for 2 nd year MDS studnets
December	Dissertation submission for 3 rd year MDS
December/January	Start of 2 nd teaching term for BDS

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March	World oral health day celebration
March/April 2021	2 nd terminal exam for BDS students
March/April 2021	Prelim(MOCK) exam for 3 rd year MDS & Prelim theory exam paper1 for 1 st year MDS (New syllabus)
April 2021	University exam for 3 rd year MDS & University theory exam paper1 for 1 st year MDS (New syllabus)
May	NO TOBACCO DAY celebration
June/July 2021	Commencement of 1 st term for 1 st , 2 nd , 3 rd year MDS
June/July 2021	Orientation programme for MDS student
June	Tree plantation day celebration
June	International YOGA DAY Celebration
June 2021	Fire Safety Training and Programme
July 2022	National doctor's day celebration
August 2021	Hepatitis B vaccination programme for staff and students
July/august 2021	Prelim exam for BDS students
July/August 2021	Final university exam for BDS
Total Working days	285
Public Holidays including Sundays	80

Note: Diwali vacation will not be given to 3rd, 4th BDS and MDS students as they have clinical posting. Oral surgery department is working 24*7 as a part of civil hospital campus. Final dates of internal examinations will be circulated before 15 days and university examinations dates will be declared as per university circulars. Because of COVID 19 pandemic dates /months can be subject to change as per Government and University circulars.

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No : DCH/ 81/2021

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Date : 27 /08/2021

ACADEMIC CALENDAR 2021-2022

Every stake holders of the institute are informed to see the new events added in this academic calendar from this academic year. New programmes and events are added World oral health week celebration and National Doctor's day celebration.

MONTHS	ACTIVITY
September/October 2021	Commencement of 1 st term for 2 nd , 3 rd , 4 th year BDS
September/October 2021	Orientation programme for 2 nd , 3 rd , 4 th year BDS for student
September/October 2021	Commencement of 1 st year BDS
September/October 2021	Orientation programme for 1 st BDS
June to November 2021	Preclinical exercises for 1 st year MDS students
October 2021	Orientation programme for Interns
October	Cultural and sports activity for BDS & MDS students.
November /December	Clinical posting start for 1 st year MDS
November 2021	Diwali vacation for BDS students
November/December	1 st terminal exam for BDS students
November/December	Start of 2 nd teaching term for MDS
December	Liabrary thesis submission for 2 nd year MDS studnets
December	Dissertation submission for 3 rd year MDS
December/January	Start of 2 nd teaching term for BDS
March 2022	2 nd terminal exam for BDS students
March 2022	World oral health celebration week

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March/April 2022	Prelim(MOCK) exam for 3 rd year MDS & Prelim theory exam paper1 for 1 st year MDS (New syllabus)
April 2022	University exam for 3 rd year MDS & University theory exam paper1 for 1 st year MDS (New syllabus)
May	NO TOBACCO DAY celebration
May/June 2022	Prelim exam for BDS students
June 2022	YOGA DAY CELEBRATION
June 2022	Reading Vacations for BDS Students
July 2022	National doctor's day celebration
June/July 2022	Commencement of 1 st term for 1 st , 2 nd , 3 rd year MDS
June/July 2022	Orientation programme for MDS student
July/August 2022	Final university exam for BDS
Total Working days	286
Public Holidays including Sundays	79

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