



GOVERNMENT DENTAL COLLEGE AND
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CLINICAL SKILL LAB AND SIMULATION BASED
LEARNING FACILITIES

DEPARTMENT OF ORAL MEDICINE & RADIOLOGY

1. Audio-visual aids for patient education
2. Radiographic room
 - a. IOPA
 - b. OPG
 - c. CEPH
 - d. CBCT
3. Tobacco Cessation Clinic
4. Models
 - a. IOPA collection
 - b. Occlusal collection
 - c. OPG collection
 - d. Extra oral Radiographs collection
 - e. Rinn XCP
 - f. SNAP A Ray
 - g. TLD

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5. Posters

- a. Radiographs of temporomandibular joint
- b. Occlusal radiographic techniques
- c. Principles of radiographic interpretation
- d. Radiation protocols
- e. Anatomical landmarks- extraoral radiographic views
- f. Extraoral radiographic technique- lateral views
- g. Extraoral radiographic technique- anteroposterior views
- h. Parts of X-ray tube
- i. Intraoral radiographic techniques
- j. Principles of radiology techniques
- k. Orthopantomography
- l. Cone Beam Computed Tomography
- m. Dark room construction
- n. Diagnostic protocol (clinical and radiological) for post-COVID rhino-orbito-maxillary mucor-mycosis


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DEPARTMENT OF CONSERVATIVE DENTISTRY & ENDODONTICS

- 1) Pre-Clinical Conservative Lab
- 2) Television for Patient Education
- 3) Microsurgery Room
- 4) Microscope Clinic
- 5) Aesthetic Clinic
- 6) Photography Room
- 7) X-Ray Room
- 8) Dental Laboratory
- 9) Departmental Library
- 10) Models:-
 - Access Opening In Natural Tooth
 - Class 1,2,3,4,5 Study Models
 - Inlay & Onlay Models
 - Post & Core Models
 - Wax Carving
 - Full Coverage Restoration
 - Veneers
 - Amalgam Restoration
- 11) Poster
 - Class-2 Composite Restoration
 - Electric Pulp Tester
 - Tissue Engineering In The Regeneration Of Pulp & Dentin In Endodontics


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- Smile Makeover
- Digital Smile Design
- Scope Of Esthetic Dentistry
- Midline Diastema Closure by Composite
- Vertical Root Fracture: Unlock The Mystery Of Diagnosis
- "Tsunami Endodontics" Endoactivator

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DEPARTMENT OF PROSTHODONTICS AND CROWN & BRIDGE

1. Pre-clinical Prosthodontic Lab
2. Clinical Prosthodontic Lab
3. Implant Clinic
4. Geriatric Clinic
5. Dental U.G./P.G. Laboratory
6. Ceramic Laboratory
7. Casting Laboratory
8. Seminar Room
9. Departmental Library
10. Patient Education Models
11. Patient Education Poster & Films
12. Student Education Charts
 - Introduction to complete denture
 - Dental Casts
 - Anatomical landmarks of maxillary edentulous jaw
 - Anatomical landmarks of mandibular edentulous jaw
 - Impression Trays
 - Denture Bases
 - Occlusal Rims
 - Articulator
 - Anterior teeth inclination
 - Anterior teeth arrangement

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- Posterior teeth inclination
- Posterior teeth arrangement

13. Study Models:

- Complete Denture
- Removable Partial Denture
- Cast Partial Denture
- Fixed Partial Denture
- Dental Implants
- Maxillofacial Prosthesis

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DEPARTMENT OF ORAL AND MAXILLOFACIAL SURGERY

1. Operation Theatre (Major and Minor)
2. Post Recovery Room
3. Implant Clinic
4. Infection Clinic
5. Models
6. Armamentarium for exodontia and minor surgery
7. Posters
 - Correct method of handwashing
 - Segregation of biomedical waste
 - Treatments offered in department
 - Things to be taken care of after removal of tooth
 - Management of post exposure prophylaxis

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DEPARTMENT OF PERIODONTOLOGY

- 1) Implant Clinic
- 2) PG/ UG Clinic of department
- 3) Seminar room
- 4) Models:
 - a) Brushing techniques
 - b) Scaling
 - c) Gingival enlargements
 - d) Periodontitis
 - e) Recession
 - f) Splinting
 - g) Suturing techniques
- 5) Posters/ AV Aids:
 - a) Patient education video
 - b) Flap surgery video
 - c) Hand washing technique
 - d) BMW Segregation

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DEPARTMENT OF ORTHODONTICS DENTOFACIAL ORTHOPAEDICS

1. Photography room
2. Patient counselling area
3. Study models
 - Upper and lower Hawley's appliance
 - Face mask
 - Head gear
 - Chin cup
 - Pendulum appliance
 - Obturators
 - Study models with different malocclusion
 - Mixed dentition model
 - Twin block
 - Activator
 - Bionator
 - Lip bumper
 - Frankel regulators
 - Appliances with springs
 - Appliances with retractors
 - Catlan's appliance
 - Oral screen
 - Expansion appliances

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- Space maintainers
- Habit breaking appliances
- Appliances with bite plane
- Fixed functional appliances
- Brushing model
- Cleft lip and palate model

4. Study posters

- Tip and Torque value- Maxilla
- Tip and Torque value-Mandible
- Prognosis for re-alignment depending on assessment in various categories
- Correct method of hand wash
- Cervical vertebral maturity indicators
- Segregation of bio-medical waste
- Needle stick/Wire injury
- Laser and cutting edge in orthodontics
- Robotic hands virtual models
- Twelve steps to follow on mercury spillage

5. Demonstration room

6. Laboratory

7. Departmental library

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DEPARTMENT OF PEDODONTICS AND PREVENTIVE DENTISTRY

1. Preclinical Lab

- Mannequin for model work

2. Play room for kids

3. Nitrous Oxide sedation Unit

4. Study models

- Fixed Space Maintainer
- Removable Space Maintainer
- Cleft Lip and Cleft palate model
- Primary Trauma model
- Brushing model

5. Study posters

- NAM poster
- Height Chart
- Good and bad eating habit of food
- Brushing technique
- Correct method of hand wash
- Segregation of bio-medical waste

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6. E- Poster, E-video and PPT:

SR.NO.	POSTER	VIDEO	PPT
1	Avulsed tooth management	Pit & fissure Sealant	Development of occlusion
2	Management of Paediatric patient with Heart Disease	Dental care in Kids	Stainless Steel Crown
3	દૂધિયાદાંતનુમહત્વ	Space Maintainer	
4	Rampant caries	Pulpotomy	
5	Thumb Sucking Habit		

7. Departmental library

8. Isolation Room

9. Emergency Ambulance number


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**DEPARTMENT OF ORAL AND MAXILLOFACIAL PATHOLOGY & ORAL
MICROBIOLOGY**

1. Clinical Room

2. Museum

Embryology, General Pathology, Oral Pathology - Soft and Hard Tissue
Specimens

3. Ug Laboratory

4. Histopathology Laboratory

5. Microbiology Laboratory (Basic)

6. Seminar Room – With Smart Board And Trinocular Microscope With
Camera Attachment And Tv Card

7. Pentahead Microscope

8. Models

- I. Tooth Landmarks- Elevation
- II. Tooth Landmarks-Depressions
- III. Arrangement Of Dentition by Carved Teeth
- IV. Demo Models- Central Incisors, Premolars, Molars
- V. Anodontia
- VI. Supernumerary Teeth
- VII. Ectopic Eruption and Retained Deciduous Teeth Cast
- VIII. Alveolar Cleft-U/L Cast
- IX. Palatal Cleft-U/L Cast
- X. Alveolar Cleft + Palatal Cleft-B/C Cast
- XI. Dentulous Caste (U&L) – Age Estimation
- XII. Cleft Lip

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9. Wax Carving

- I. Teeth Position In Jaws
- II. Dental Anthropology System

10. Posters

- I. Eruption & Shedding
- II. Chronology Of Human Dentition
- III. Maxillary Incisors
- IV. Mandibular Incisors
- V. Maxillary Canine
- VI. Mandibular Canine
- VII. Maxillary Premolar
- VIII. Mandibular Premolar
- IX. Maxillary Molar
- X. Mandibular Molar
- XI. Forensic Microscopy
- XII. Impression Of Neonatal Lines
- XIII. Importance Of Neonatal Lines as Dental Evidence of Live Birth
- XIV. Atlas Of Human Tooth Development and Eruption
- XV. Forensic Microscopy: Basics and Its Application in Forensic Odontology
- XVI. Oral Lichen Planus and Oral Lichenoid Lesion: A Diagnostic Dilemma
- XVII. Oroscope: Valuable Tool in Diagnosis of Oral Premalignant Lesions

11. Light Box

- I. Ground Section
- II. Decalcified Section

12. Microscopic Slides

A) Oral Histology

- I. Development Of Tooth
- II. Histology Of Enamel
- III. Histology Of Dentin
- IV. Histology Of Cementum

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- V. Histology Of Periodontal Membrane With Alveolar Bone
- VI. Histology Of Oral Mucous Membrane


B) Oral Pathology

- I. Stains
- II. Developmental Disturbances And Regressive Alterations Of Teeth
- III. Fluorosis And Regressive Alterations Of Teeth
- IV. Diseases Of Pulp and Periapical Tissues
- V. Diseases Of Periodontium
- VI. Cysts Of the Jaws
- VII. Benign Tumor Like Conditions of Oral Cavity
- VIII. Benign Non-Odontogenic Tumors of Oral Cavity
- IX. Benign Odontogenic Tumors of Jaws
- X. Fibro-Osseous Lesions of The Jaw
- XI. Premalignant Lesions of Oral Cavity
- XII. Malignant Tumors of The Oral Cavity
- XIII. Salivary Gland Tumors
- XIV. Oral Manifestations of Dermatological Diseases

13. Specimens

1. Hard Tissue Specimen

- I. Specimen Of Mandible Of Different Age Groups
- II. Shortening Of Root
- III. Elongation Of Root
- IV. Gemination
- V. Fusion
- VI. Concrecence
- VII. Dilaceration
- VIII. Taurodontism
- IX. Supernumerary Root
- X. Supernumerary Teeth
- XI. Enamel Hypoplasia


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- XII. Enamel Pearl
- XIII. Fluorosis
- XIV. Attrition
- XV. Abrasion
- XVI. Erosion
- XVII. Pulp Stone
- XVIII. Internal Resorption
- XIX. Hypercementosis
- XX. Pulp Polyp
- XXI. Rampant Caries
- XXII. Tooth Ankylosis
- XXIII. Salivary Stone
- XXIV. Cementoma
- XXV. Odontoma
- XXVI. Cementifying Fibroma
- XXVII. Calculus
- XXVIII. Developing Root

2. Soft Tissue Specimen

- I. Ameloblastoma
- II. Unicystic Ameloblastoma
- III. Odontogenic Keratocyst
- IV. Dentigerous Cyst
- V. Periapical Cyst
- VI. Lateral Periodontal Cyst
- VII. Aneurysmal Bone Cyst
- VIII. Ranula And Dermoid Cyst
- IX. Papilloma
- X. Fibrous Growth
- XI. Epulis

14. Natural Teeth - Natural Deciduous and Permanent Teeth


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DEPARTMENT OF PUBLIC HEALTH DENTISTRY

1. Television for patient education
2. Mobile dental clinic
3. Tobacco cessation clinic
4. Satellite center at Ahmedabad Central Jail
5. Models
 - Tooth structure
 - Dental caries
 - Good and Bad Diet habits
6. Educational Games
 - Carrom
 - Housie
 - Tooth Hunt Friends and Foes
 - Ludo-dent
 - Cards
 - Snake & Ladder
 - Dart
 - Stack-O
 - Roll the dice

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7. Educational stationeries

- Pencil Cap
- Pouch
- Bookmarks
- Key chain
- Badges

8. Posters (Flex Banner and Standee)

- Normal tooth structure
- Etiology of dental caries
- Oral manifestation of AIDS
- Progress of dental caries
- Dental fluorosis
- Etiology of periodontal disease
- Brushing technique
- Stages of periodontal disease
- Five golden rules
- Tobacco
- Etiology of oral cancer
- Early warning sign and symptoms of oral cancer
- OSMF
- Avulsion of tooth
- Dis-impaction
- Booklets



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- Educational Calendar
- Educational Clock
- Pamphlets
- Treatment of dental caries
- Oral care of pregnant and neonates
- Passive Smoking
- Modified Stillman's method
- Oral Cancer
- Space maintainer
- Halitosis
- Sign and symptoms of dental caries
- Implant
- RCT
- Pit and fissure sealant
- Systemic effects of pyorrhea
- Malocclusion and etiology
- Oral care in pregnancy
- Caries in deciduous teeth
- ART
- Importance of deciduous teeth
- When to visit dentist

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DEPARTMENT OF GENERAL ANATOMY

1. DISSECTION HALL

- a. Cadaver and Cadeveric SS Tank
- b. Skeleton
 - c. Dissection Tables
 - d. Osteological specimens
 - e. Dissected specimens
 - f. Surgical instruments
 - g. Anatomical 3D Models and charts
 - h. Histology lab - Microscopes And slides
 - I. Departmental library

2. SEMINAR ROOM

- a. Audio -Visual projector
- b. Computer

3. MUSEUM

- a. Skeleton
- b. Dissected specimens
- c. Osteological specimens
- d. Embryological models
- e. Anatomical 3D Models
- d. Anatomical charts

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DEPARTMENT OF GENERAL MEDICINE



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1. Medical wards
2. Instruments,
3. Drugs,
4. X- rays and
5. ECGs for demonstrations

**DEPARTMENT OF GENERAL PHYSIOLOGY &
BIOCHEMISTRY DEPARTMENT**

1. Demonstration room
2. Haematological and clinical lab
 - a. Haemocytometer
 - b. Haemoglobinometer
 - c. Westergren's tube with stand
 - d. Wintrobe's tube with stand
 - e. Compound light microscope
 - f. Sphygmomanometer
 - g. Stethoscope
 - h. Tuning fork and hammer
 - i. Chemicals & reagents

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- Department of Biochemistry

- a. Electric water bath
- b. Digital colorimeter
- c. Micropipette
- d. Mini weighing scale
- e. Chemicals & Reagents

DEPARTMENT OF GENERAL PATHOLOGY

1. Patient registration and sample collection room

2. Diagnostic lab

- a. Binocular Microscope
- b. Incubator
- c. Digital colorimeter
- d. Centrifuge
- e. ESR stand
- f. Chemicals & Reagents

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DEPARTMENT OF GENERAL SURGERY

1. Medical wards (At Surgery department Civil hospital)
2. Instruments, drugs, x rays and ECGs for demonstrations

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