



GOVERNMENT DENTAL COLLEGE AND  
HOSPITAL, AHMEDABAD.



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

DEAN  
Govt. Dental College & Hospital  
Ahmedabad



**GOVERNMENT DENTAL COLLEGE AND  
HOSPITAL, AHMEDABAD.**



**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

  
**DEAN**  
**Govt. Dental College & Hospital**  
**Ahmedabad**



GOVERNMENT DENTAL COLLEGE AND  
HOSPITAL, AHMEDABAD.



**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

  
DEAN  
Govt. Dental College & Hospital  
Ahmedabad



**GOVERNMENT DENTAL COLLEGE AND  
HOSPITAL, AHMEDABAD.**



- 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

  
DEAN  
Govt. Dental College & Hospital  
Ahmedabad



GOVERNMENT DENTAL COLLEGE AND  
HOSPITAL, AHMEDABAD.



**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

DEAN

Govt. Dental College & Hospital  
Ahmedabad



**GOVERNMENT DENTAL COLLEGE AND  
HOSPITAL, AHMEDABAD.**



- Posterior teeth inclination
- Posterior teeth arrangement

**13. Study Models:**

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

A handwritten signature in blue ink, appearing to be 'S'.

DEAN  
Govt. Dental College & Hospital  
Ahmedabad



GOVERNMENT DENTAL COLLEGE AND  
HOSPITAL, AHMEDABAD.



**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

DEAN  
Govt. Dental College & Hospital  
Ahmedabad



GOVERNMENT DENTAL COLLEGE AND  
HOSPITAL, AHMEDABAD.



**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

  
DEAN  
Govt. Dental College & Hospital  
Ahmedabad



GOVERNMENT DENTAL COLLEGE AND  
HOSPITAL, AHMEDABAD.



**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

DEAN  
Govt. Dental College & Hospital  
Ahmedabad



**GOVERNMENT DENTAL COLLEGE AND  
HOSPITAL, AHMEDABAD.**



- 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**

**DEAN  
Govt. Dental College & Hospital  
Ahmedabad**



GOVERNMENT DENTAL COLLEGE AND  
HOSPITAL, AHMEDABAD.



**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

DEAN  
Govt. Dental College & Hospital  
Ahmedabad



**GOVERNMENT DENTAL COLLEGE AND  
HOSPITAL, AHMEDABAD.**



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

  
DEAN  
Govt. Dental College & Hospital  
Ahmedabad



GOVERNMENT DENTAL COLLEGE AND  
HOSPITAL, AHMEDABAD.



**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

DEAN  
Govt. Dental College & Hospital  
Ahmedabad



**GOVERNMENT DENTAL COLLEGE AND  
HOSPITAL, AHMEDABAD.**



**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

**DEAN  
Govt. Dental College & Hospital  
Ahmedabad**



**GOVERNMENT DENTAL COLLEGE AND  
HOSPITAL, AHMEDABAD.**



- 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

  
**DEAN**  
**Govt. Dental College & Hospital**  
**Ahmedabad**



**GOVERNMENT DENTAL COLLEGE AND  
HOSPITAL, AHMEDABAD.**



- 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

  
**DEAN**  
**Govt. Dental College & Hospital**  
**Ahmedabad**



GOVERNMENT DENTAL COLLEGE AND  
HOSPITAL, AHMEDABAD.



**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

  
DEAN  
Govt. Dental College & Hospital  
Ahmedabad



### 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



**GOVERNMENT DENTAL COLLEGE AND  
HOSPITAL, AHMEDABAD.**



- 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

**DEAN  
Govt. Dental College & Hospital  
Ahmedabad**



GOVERNMENT DENTAL COLLEGE AND  
HOSPITAL, AHMEDABAD.



**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

DEAN  
Govt. Dental College & Hospital  
Ahmedabad

**DEPARTMENT OF GENERAL MEDICINE**



GOVERNMENT DENTAL COLLEGE AND  
HOSPITAL, AHMEDABAD.



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

DEAN  
Govt. Dental College & Hospital  
Ahmedabad



**GOVERNMENT DENTAL COLLEGE AND  
HOSPITAL, AHMEDABAD.**



- 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

A handwritten signature in blue ink, appearing to be 'S' or 'S.' with a flourish.

**DEAN  
Govt. Dental College & Hospital  
Ahmedabad**



**GOVERNMENT DENTAL COLLEGE AND  
HOSPITAL, AHMEDABAD.**



**DEPARTMENT OF GENERAL SURGERY**

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

A handwritten signature in blue ink, appearing to be 'S. J.' or similar, written over a faint diagonal line.

Dean

Government Dental College and Hospital

Ahmedabad