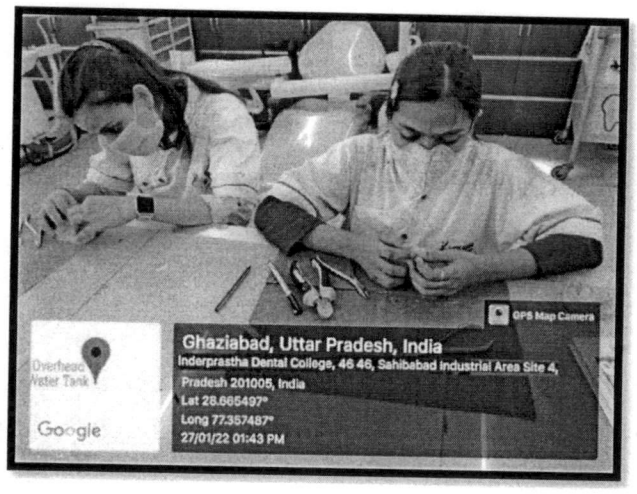
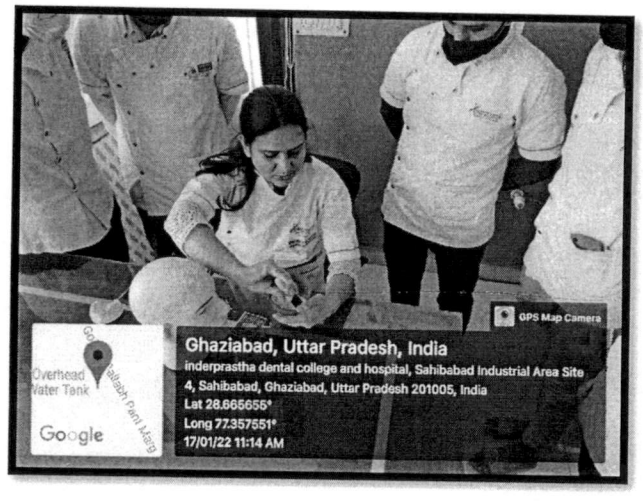
Inderprastha Dental College & Hospital
46/1, Site-IV, Industrial Area, Sahibabad,
Ghaziabad-201010 (U.P.)

Department of Orthodontics and Dentofacial Orthopedics



1. **Clinical Simulation of Basic Wire Bending**



2. **Clinical Simulation of Alginate Mixing**

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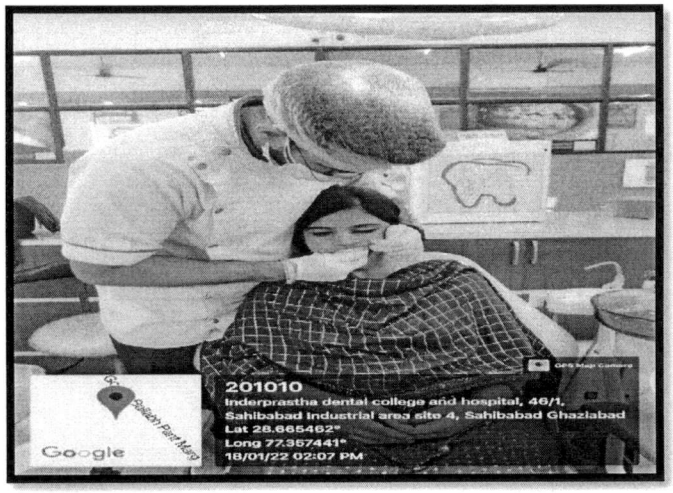
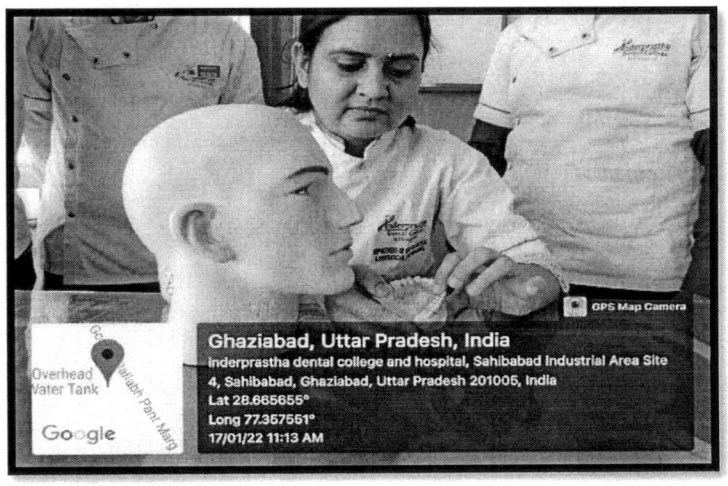
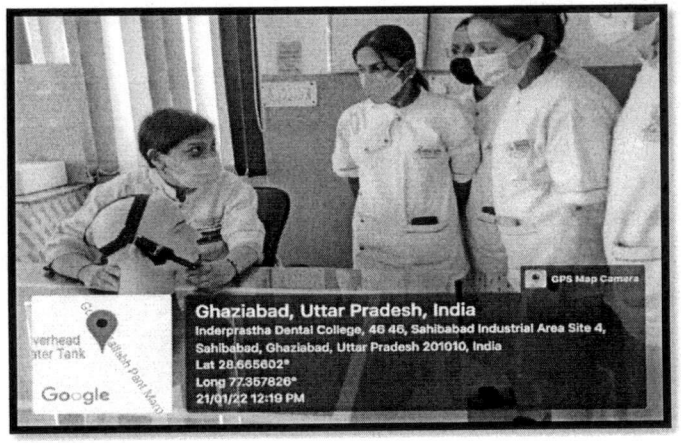
Principal



3. **Clinical Simulation of Impression Making Using Alginate**



4. **Clinical Simulation of Habit Breaking Appliance**



5. **Clinical Simulation of Chin Cup**

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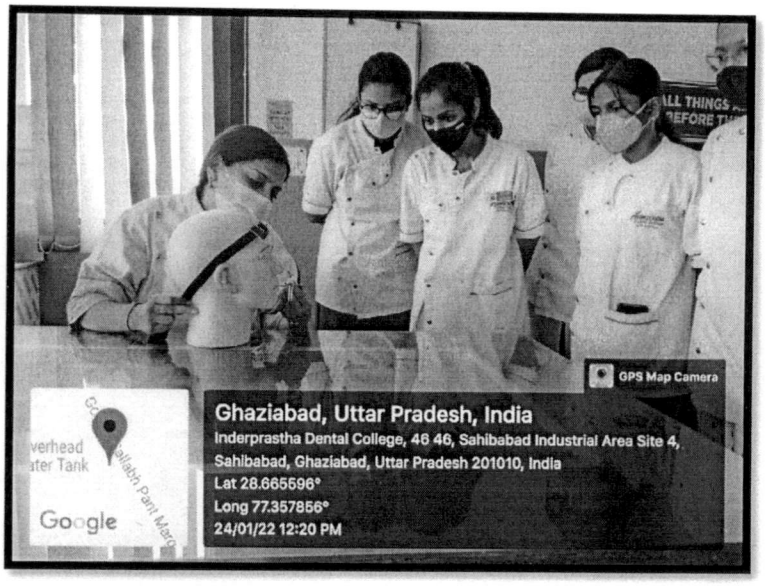
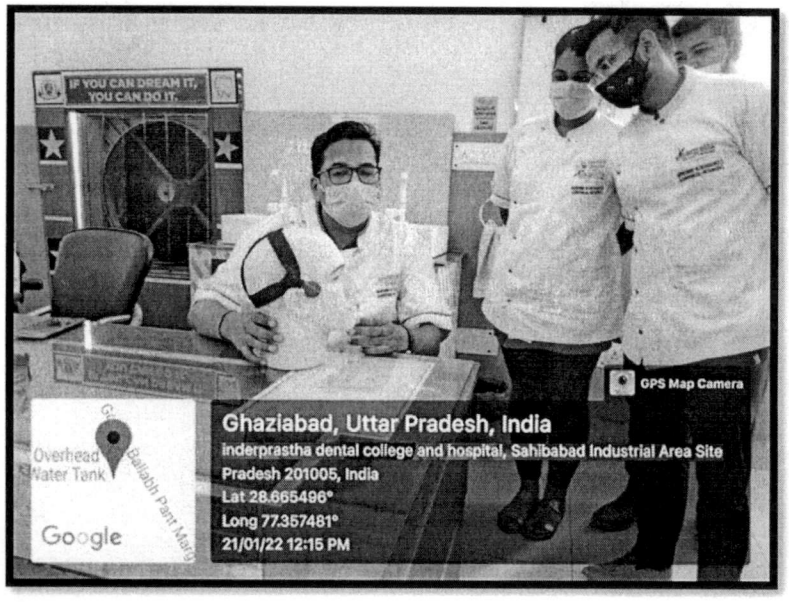
Sahibabad

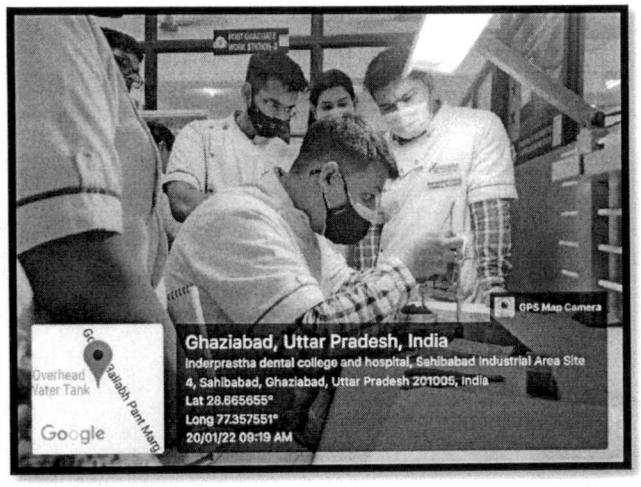


6. Clinical Simulation of Reverse Pull Head Gear

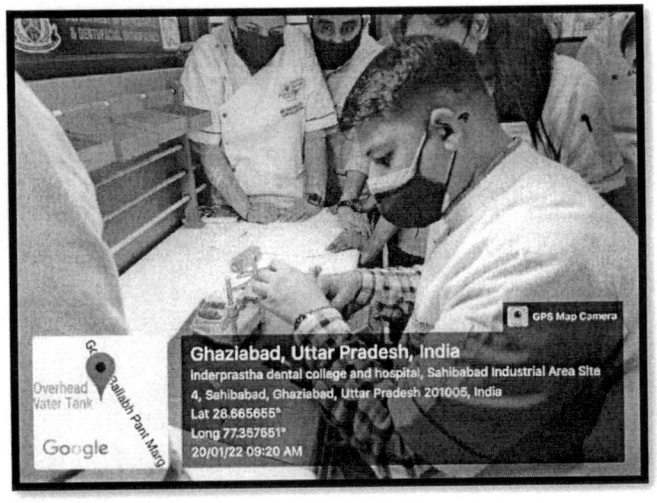


7. Clinical Simulation of Headgear

Dental College & Hospital
Principal

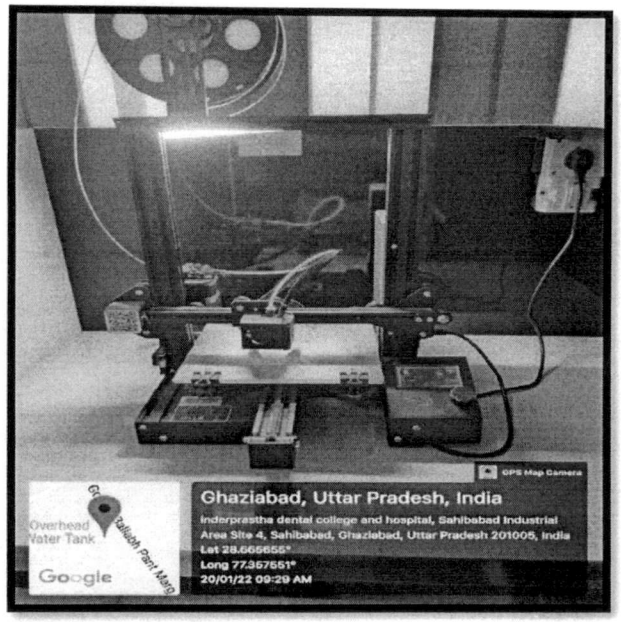


8. Clinical Simulation of Basic Wire Bending

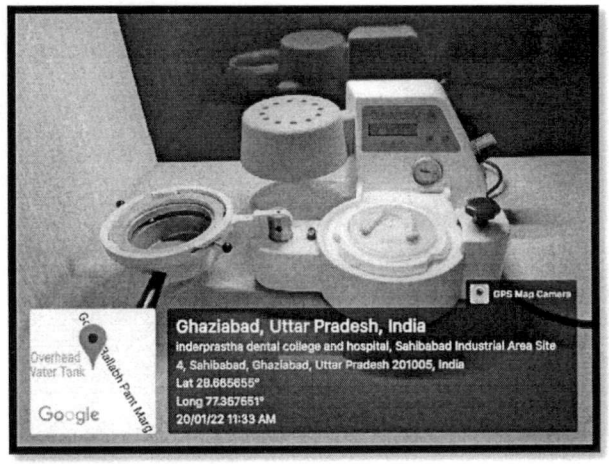


9. Clinical Simulation of Typhodont

Dental College & Hospital
Principal



10. Clinical Simulation of 3D Model Printing



11. Clinical Simulation of Aligner Fabrication

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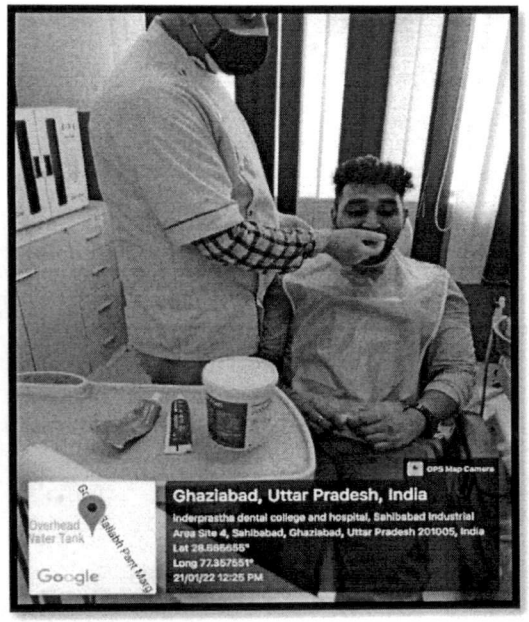
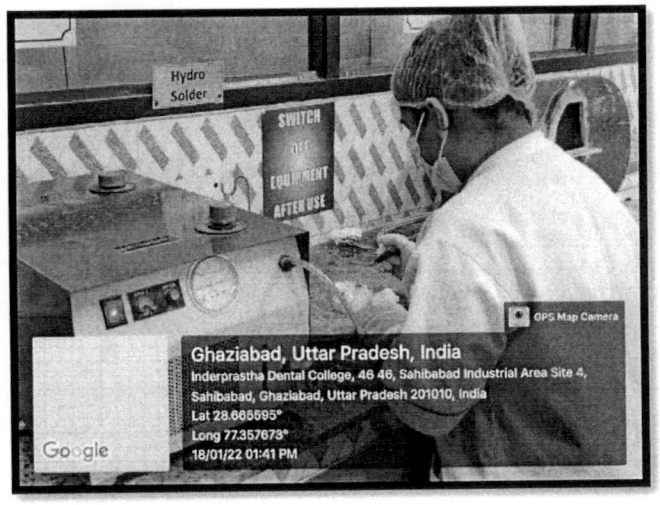
Sahibabad



12. Clinical Simulationof Impression Taking Using Silicone Impression Material



13. Clinical Simulation of Use of Hydrosolder

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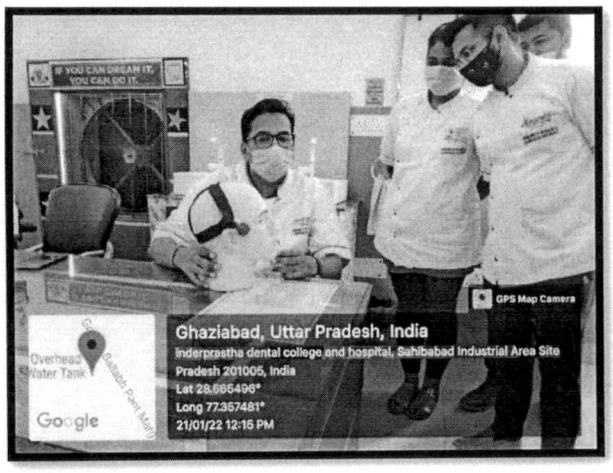
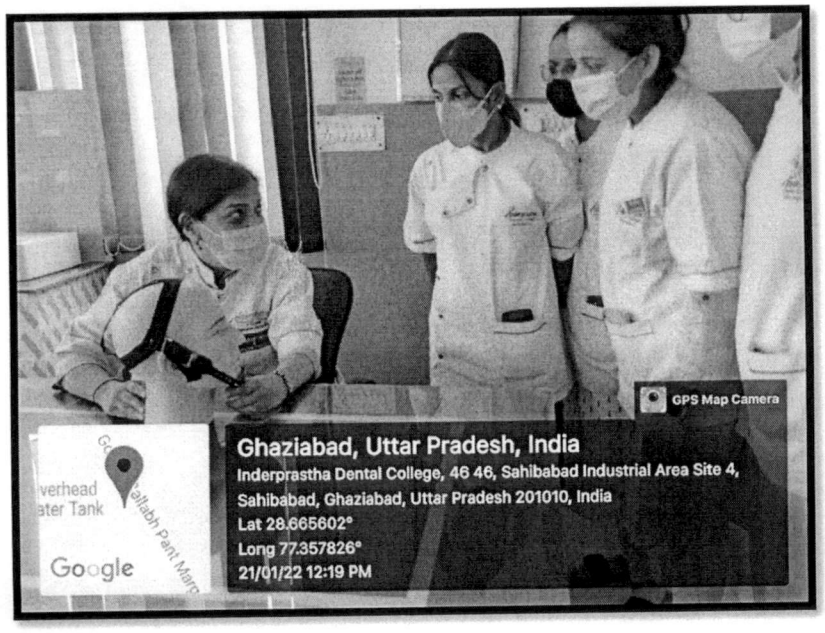
Principal
Sahibabad



14. Clinical Simulation of Application of Headgear



15. Clinical Simulation of Application of Chin Cup

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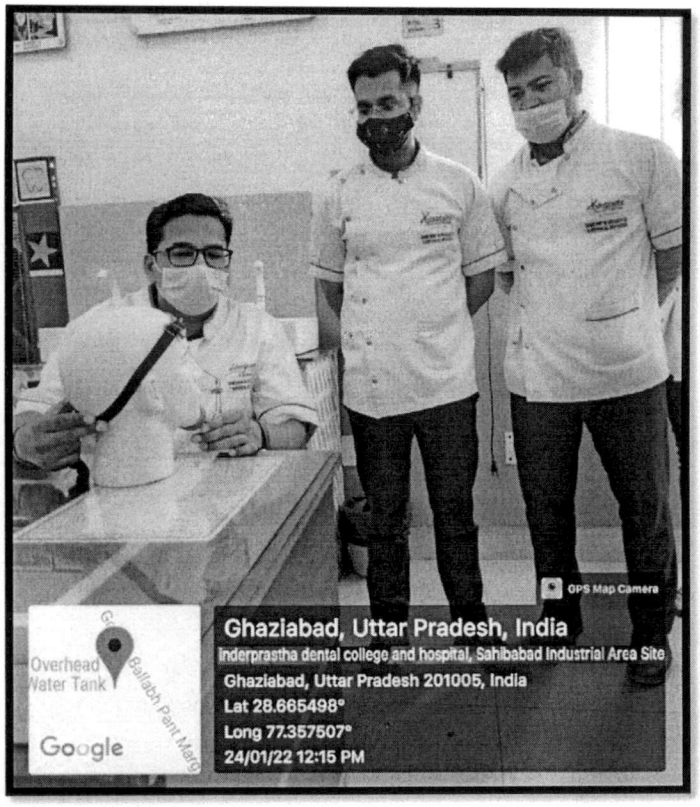
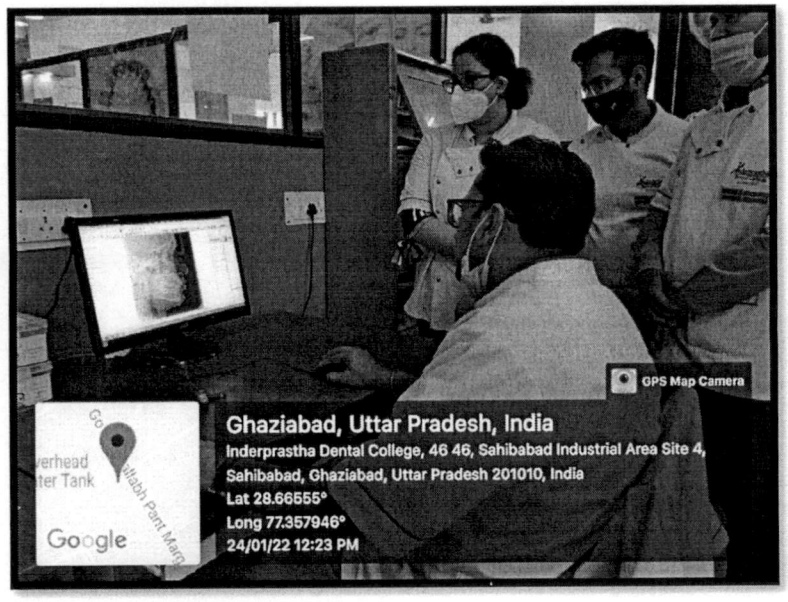
Principal
Sahibabad



16. Clinical Simulation of Application of Facemask



17. Clinical Simulation of Nemoceph Digital Tracing

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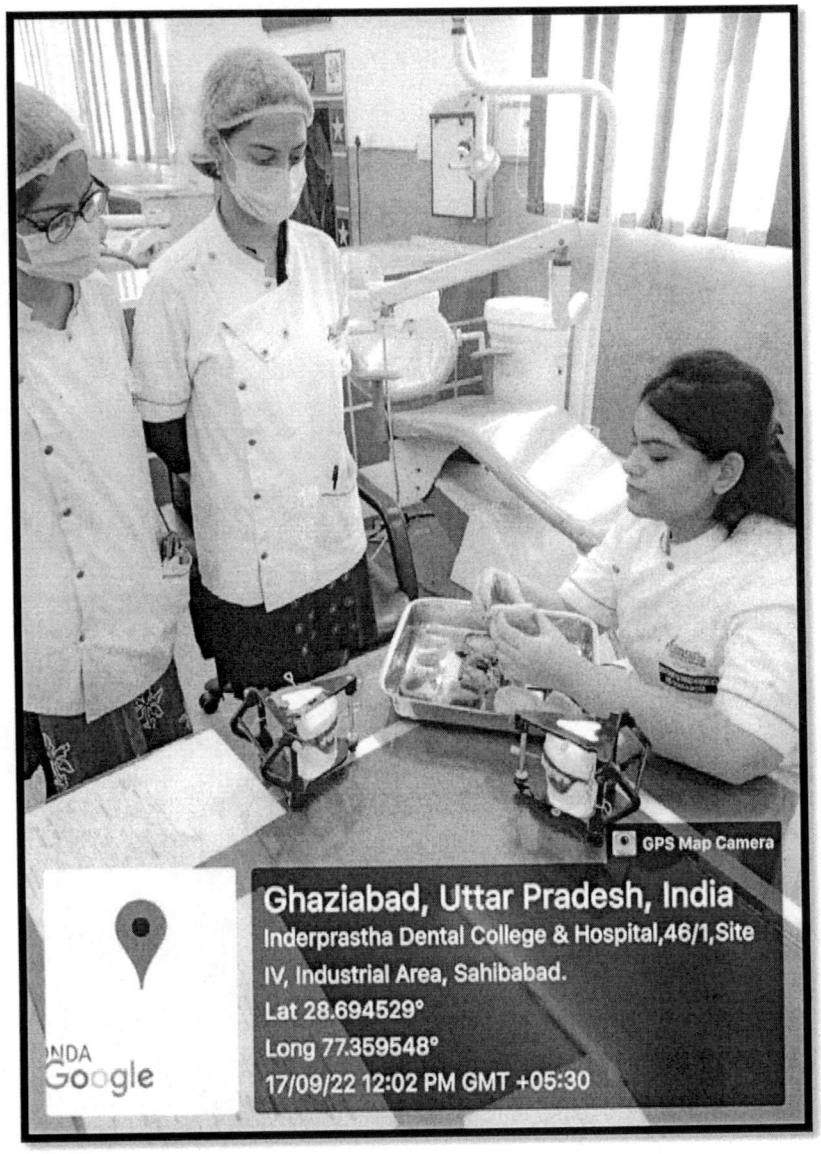
46/1, Site-IV, Industrial Area, Sahibabad,
Ghaziabad-201010 (U.P.)

DEPARTMENT OF PROSTHODONTICS AND CROWN & BRIDGE

Department of Prosthodontics and Crown & Bridge



1. **Models Showing Steps of Complete Denture Fabrication**

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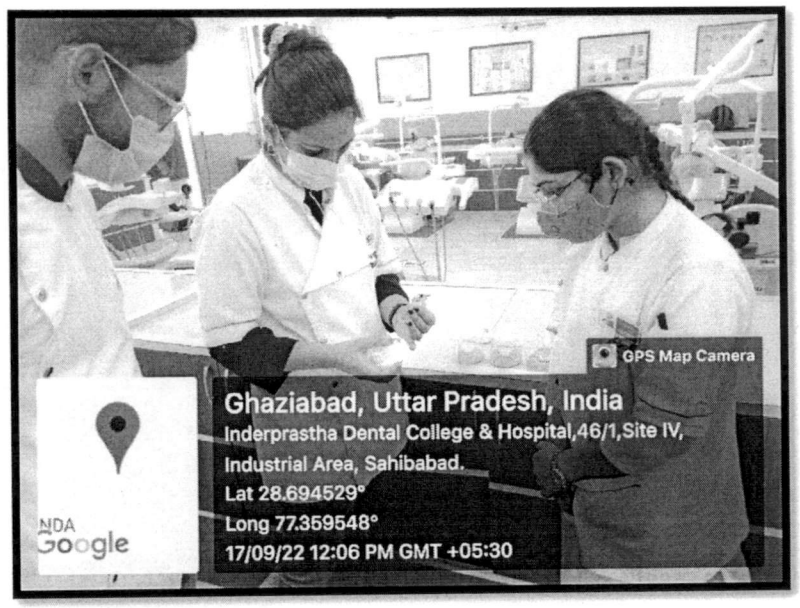
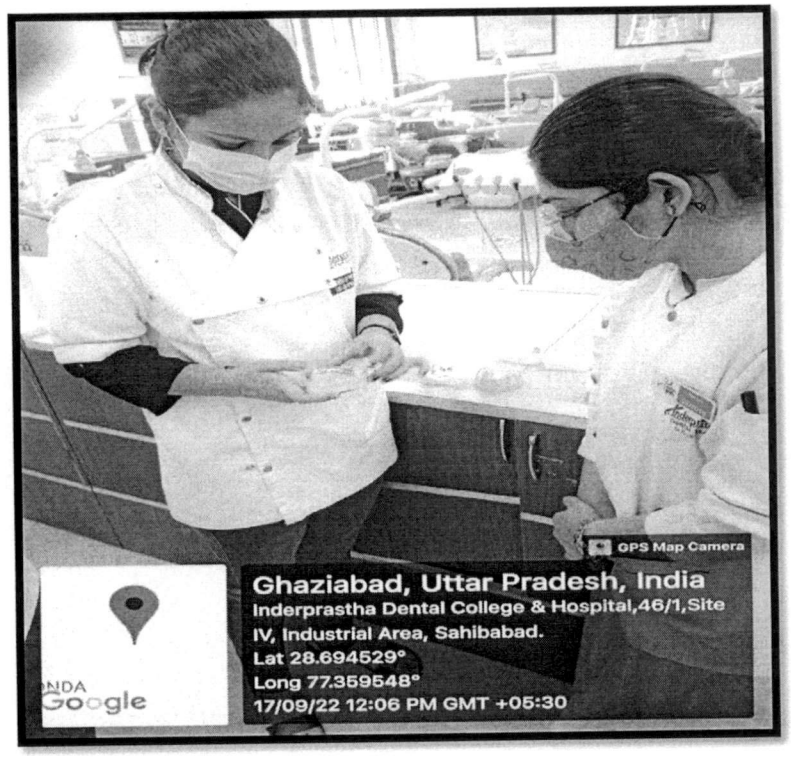
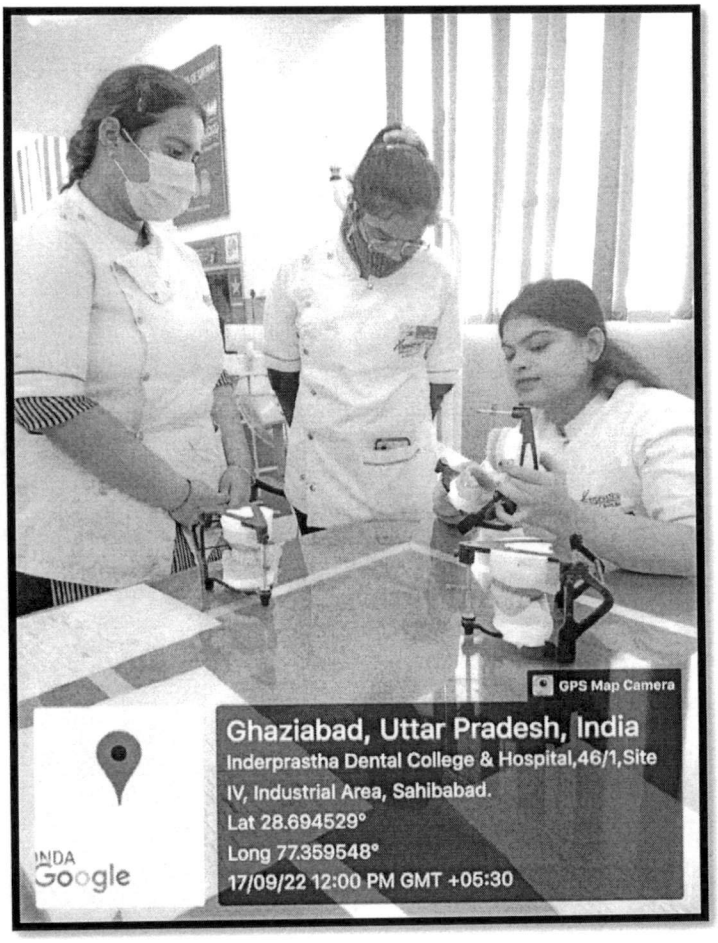
Principal
Sahibabad





2. Models Showing Steps of Cast Partial Denture Fabrication

Inderprastha Dental College & Hospital
Principal
Sahibabad



3. Models Showing Class 1, Class 2, Class 3 Teeth Arrangement

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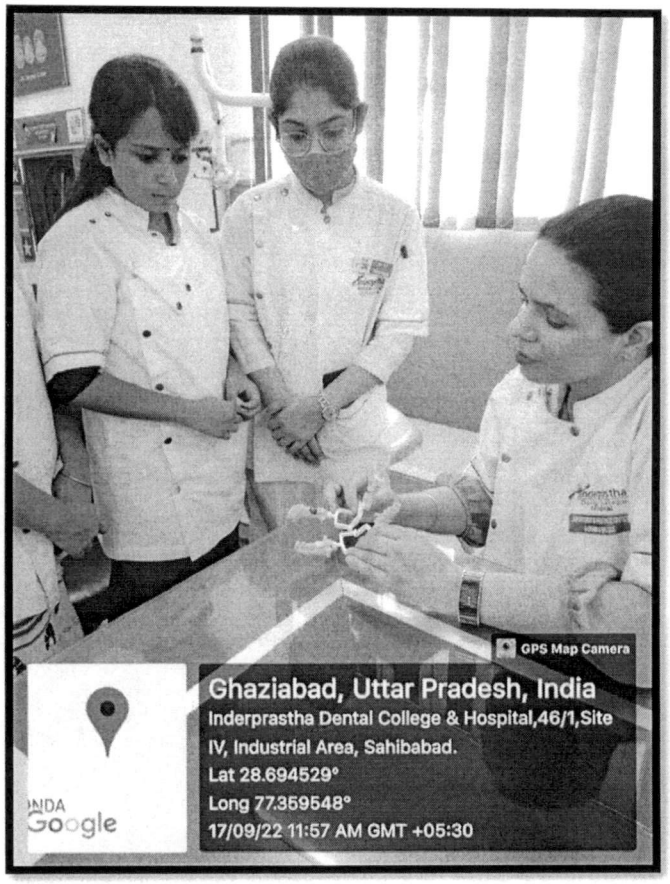
Principal
Sahibabad



4. Models depicting steps in PFM crown preparations

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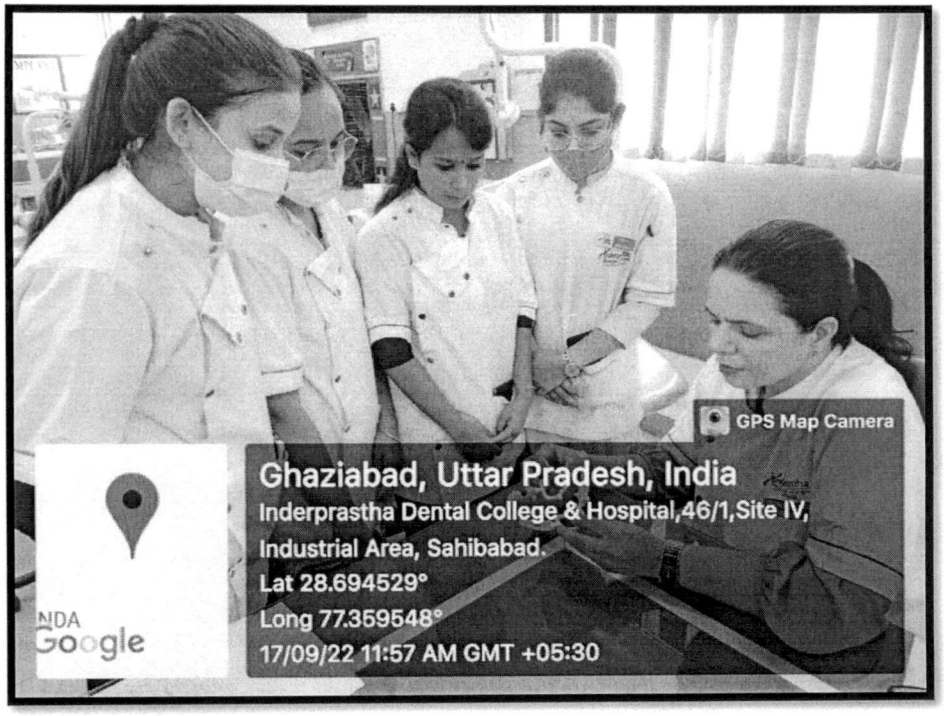
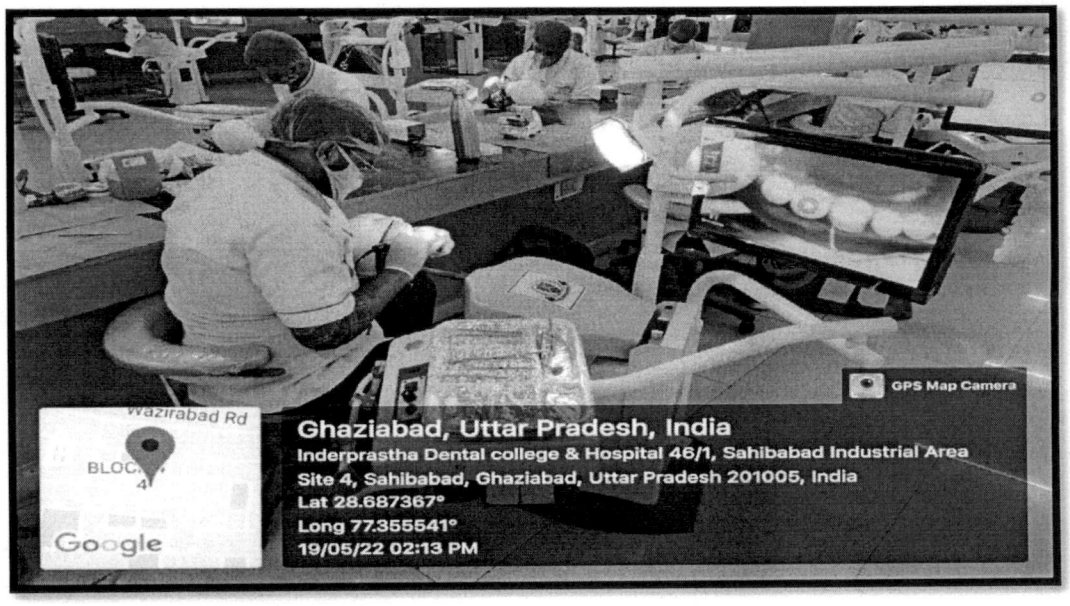
Principal
Sahibabad



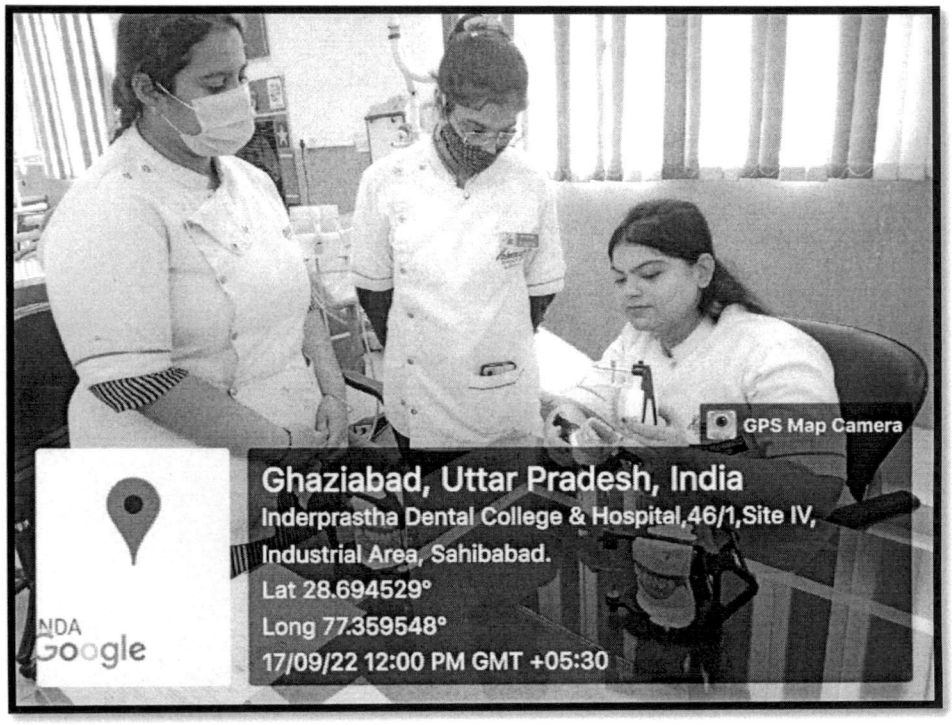
5. Models Depicting Steps in All Metal Crown Preparations

Inderprastha Dental College & Hospital
Principal
Sahibabad



6. Phantom Heads for Preclinical FPD

Principal



7. Articulator

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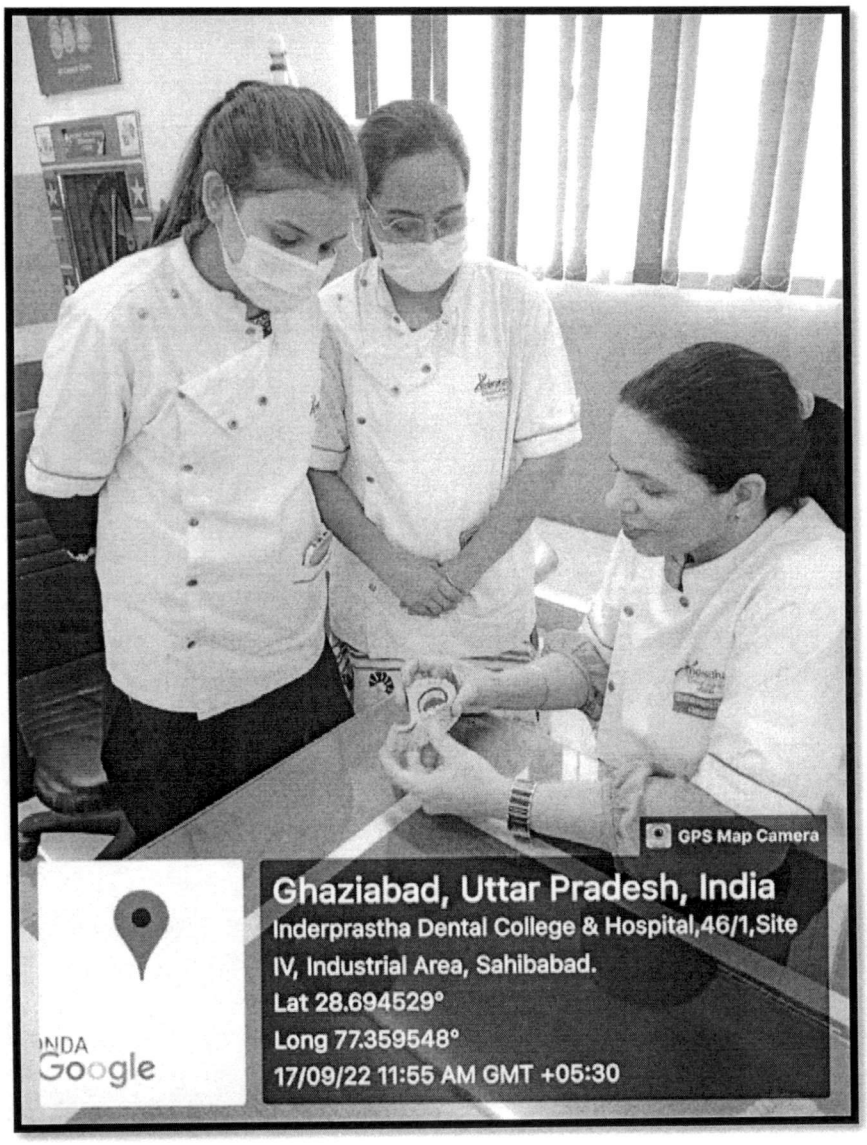
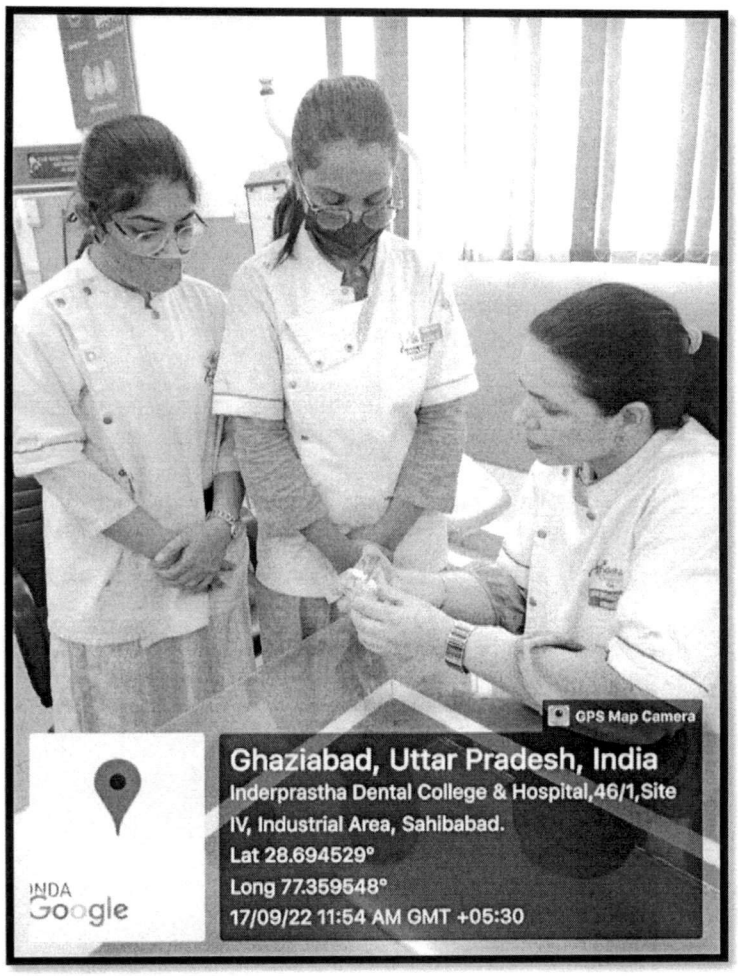
Principal
Sahibabad



8. Models Showing Maxilla-Facial Prosthesis

Inderprastha Dental College & Hospital
Sahibabad
Principal



9. Models Showing Implant Supported Prosthesis

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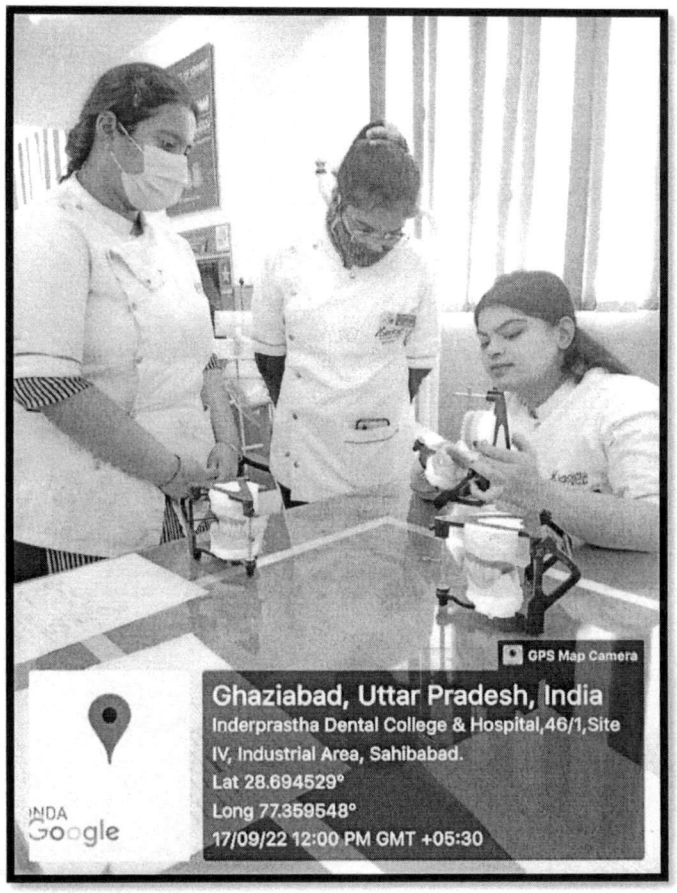
Principal



10. Mean Value Articulator

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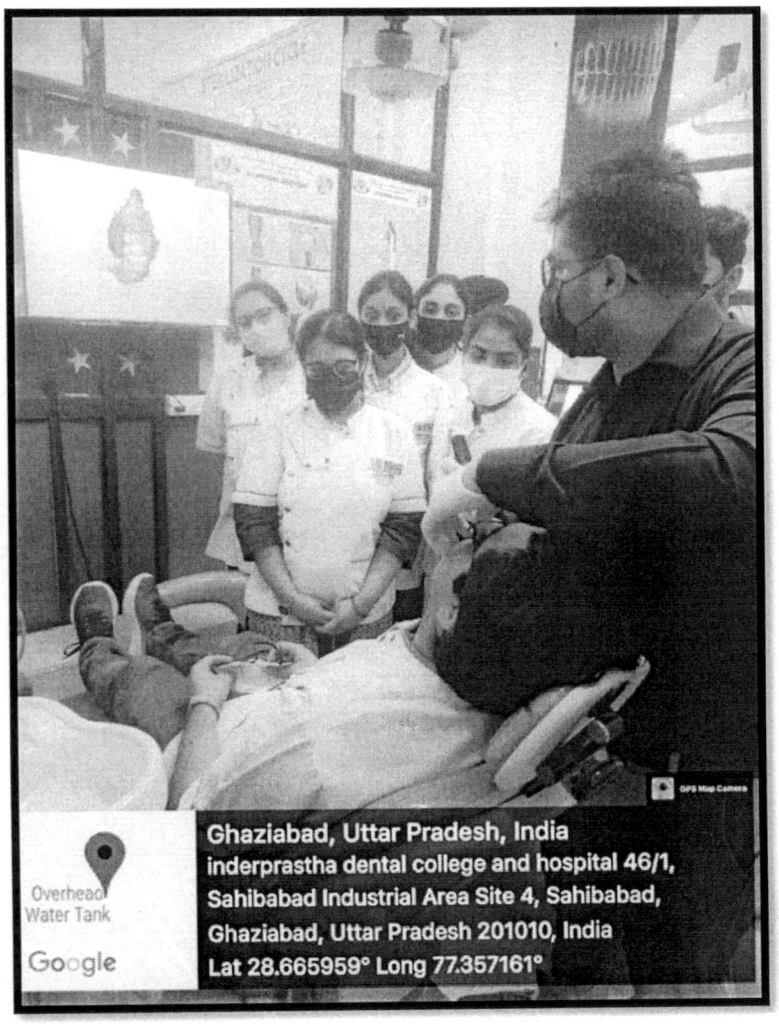
Sahibabad



11. Intraoral Scanner

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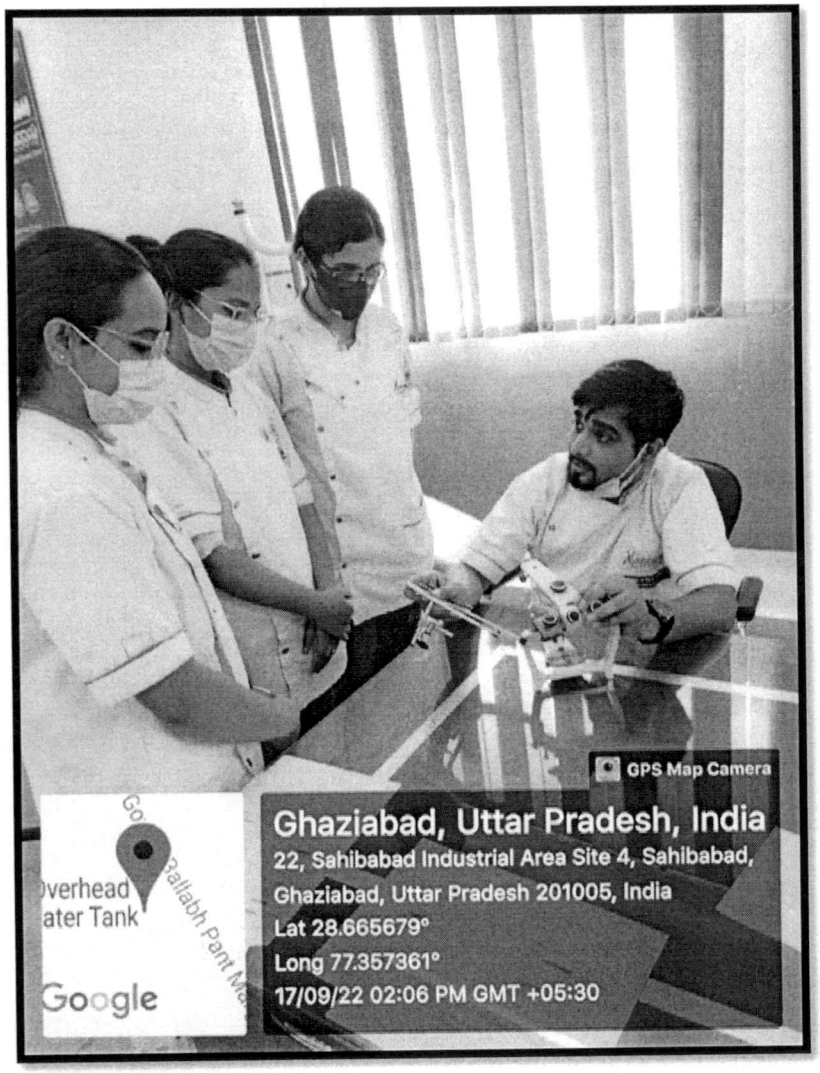
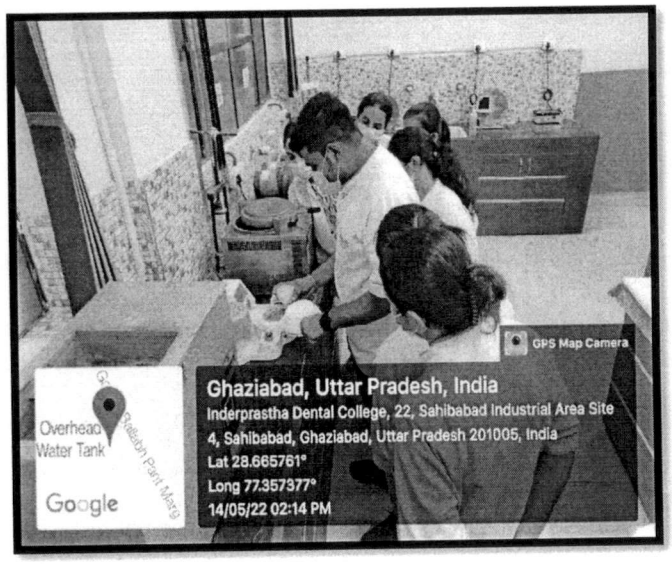
Principal
Sahibabad



12. Semi-Adjustable Articulators



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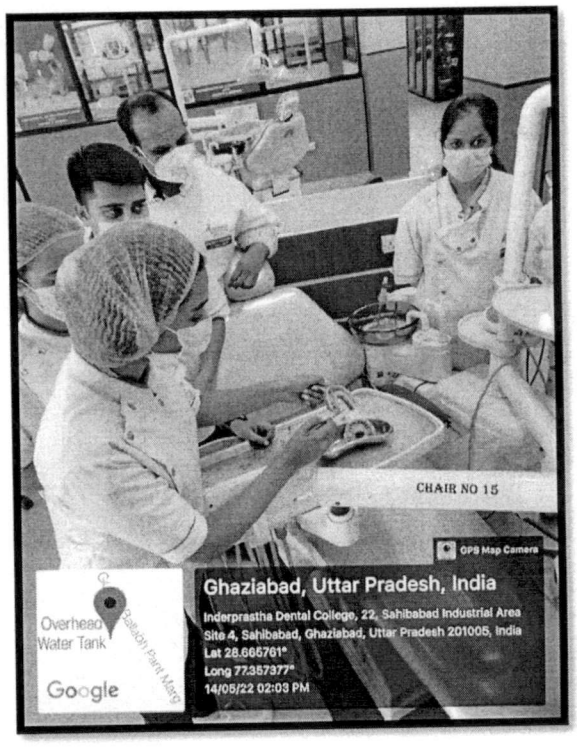
13. Demonstration of Pressure Molding Machine

14. Demonstration of Steps Involved in Cast Partial Denture



15. Demonstration of Maxillary and Mandibular ImpressionTechnique

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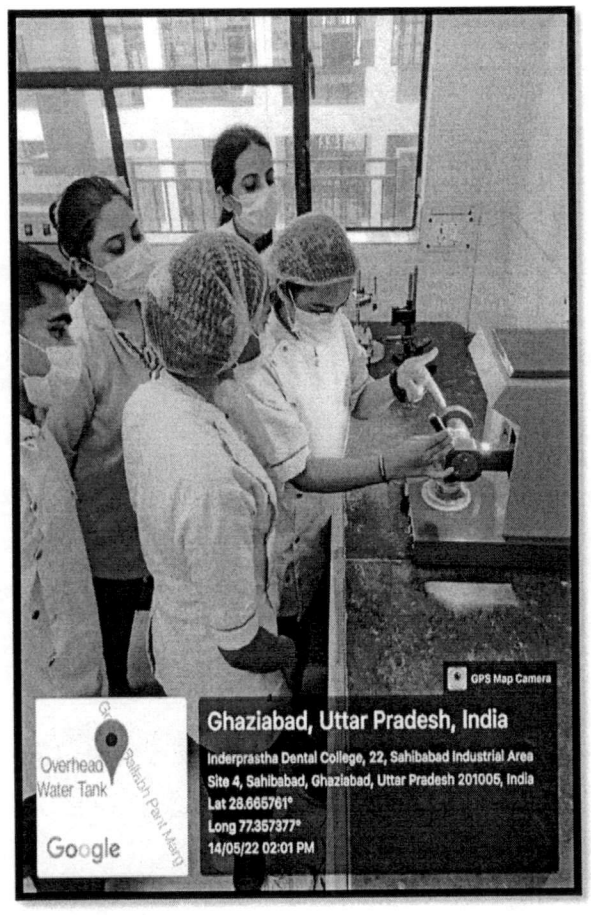
Principal
Sahibabad



16. DieSectioningUsingMechanicalSaw

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Sahibabad

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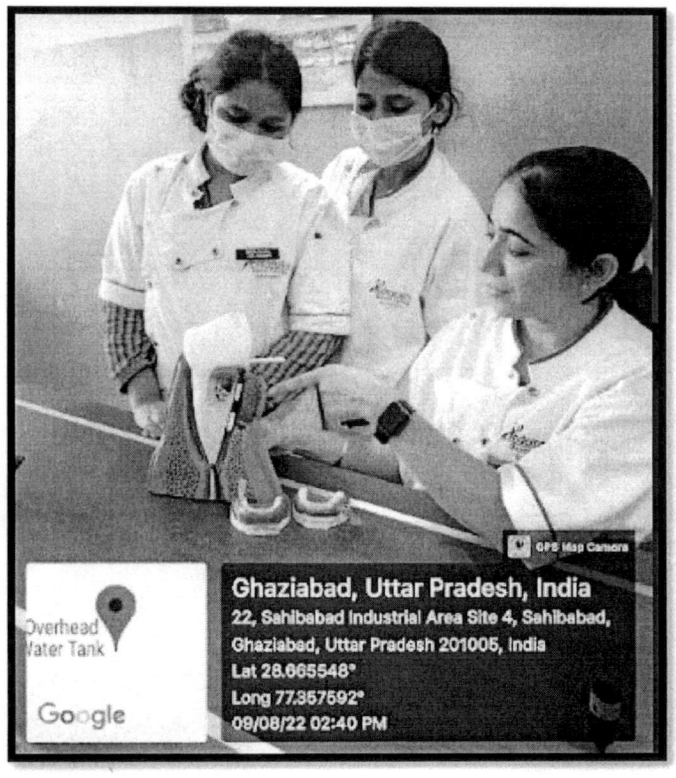
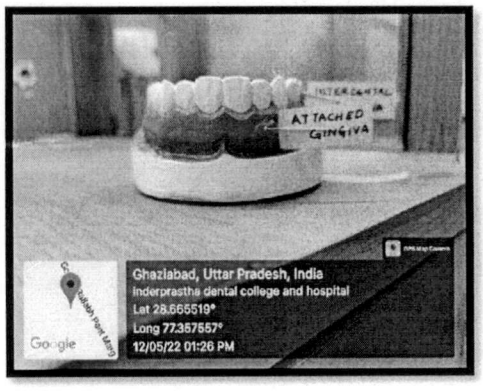
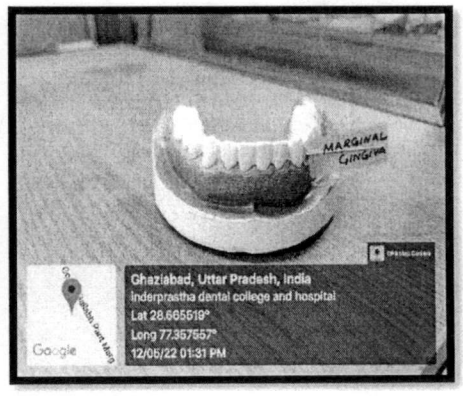
Ghaziabad-201010 (U.P.)

Department of Periodontology







1. **Fabrication of Model Showing Normal Gingiva**

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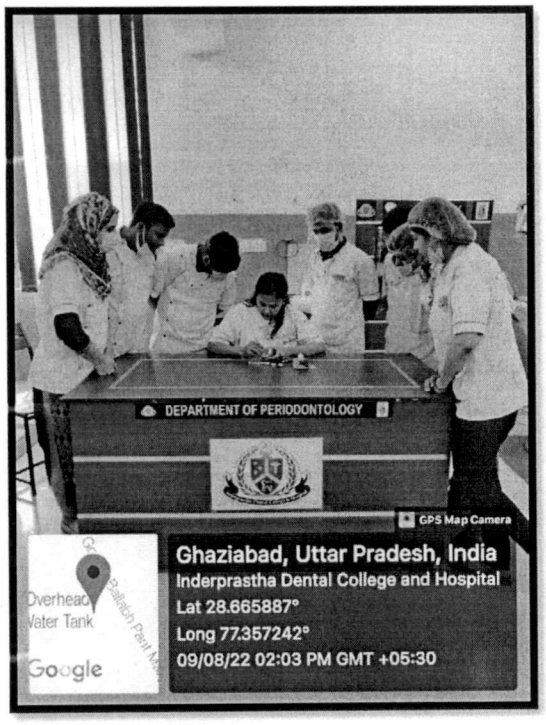
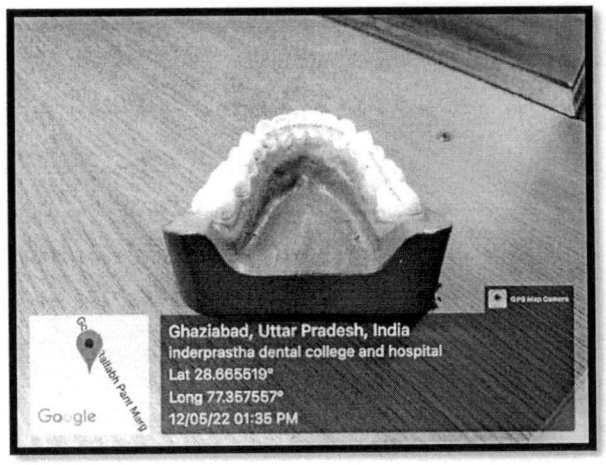
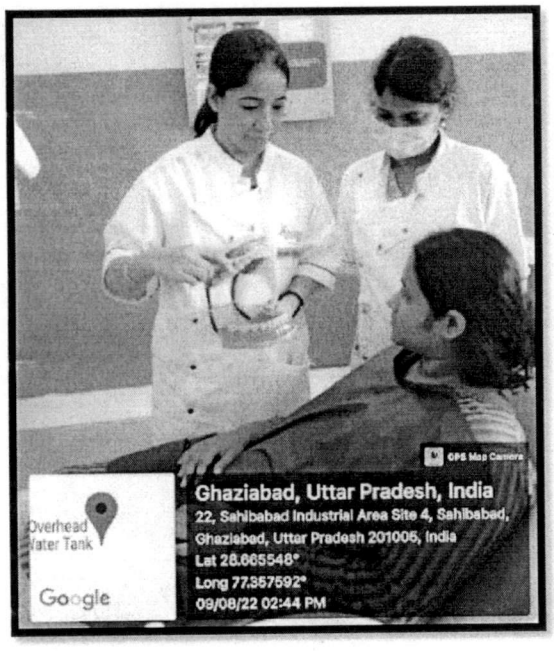
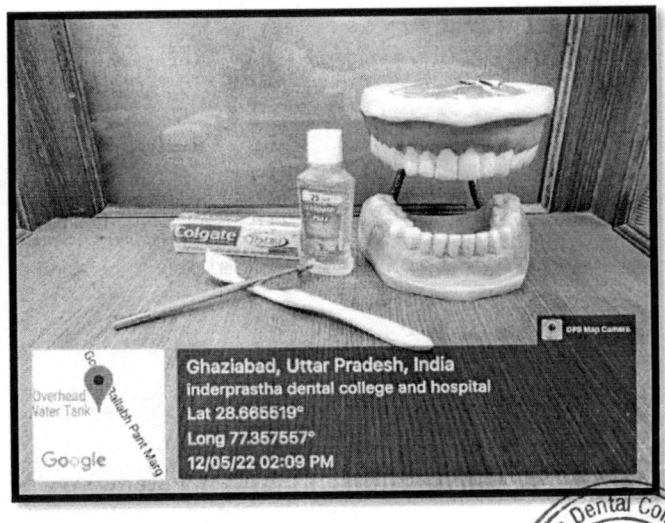
Sahibabad





2. Fabrication of Periodontal Splinting of Different Types
Eg. Wire Composite on Model Cast





3.Patient Education and Motivation Kit, that Includes Cast Model, Tooth Brush

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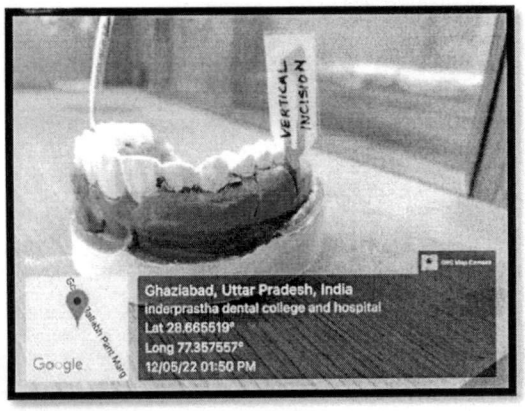
Principal

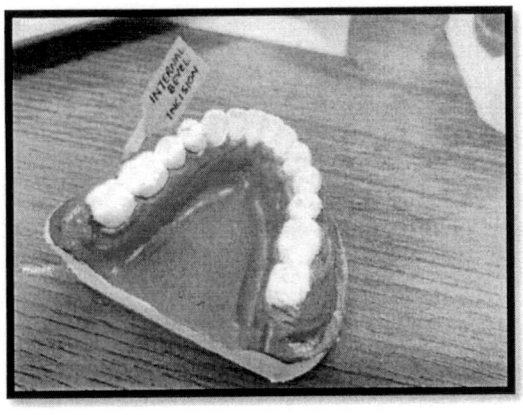
Interdental Aids, Plaque Disclosing Solution, Diet Counselling and Habit Cessation.

4.Coronoplasty – Occlusal Adjustment on the Cast Mounted on the Articulator

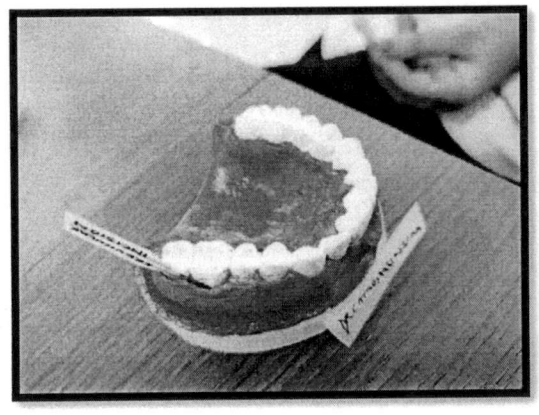


Vertical Incision

Interdental Incision

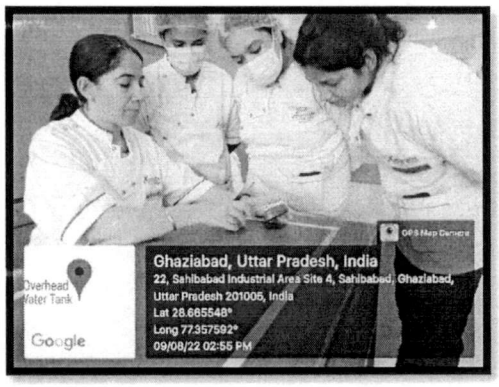


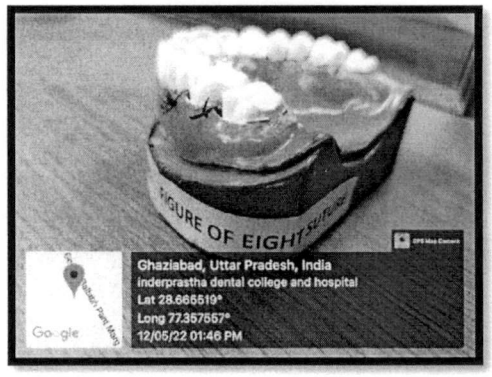
Internal Bevel Incision

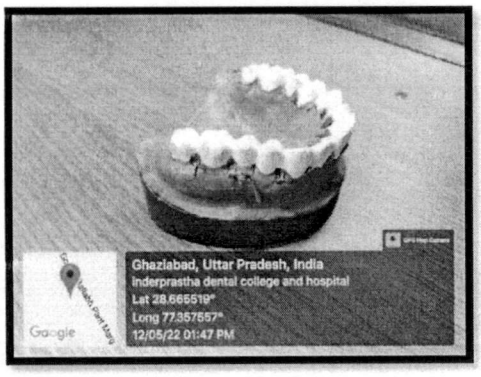


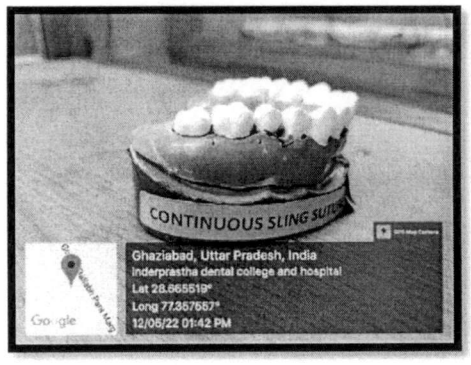
Crevicular Incision

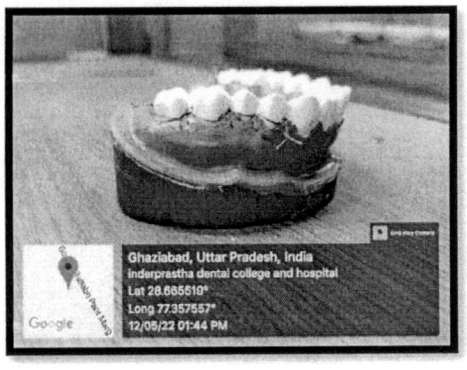
5. Fabrication of Model to Show Different Incision for Flap Surgery

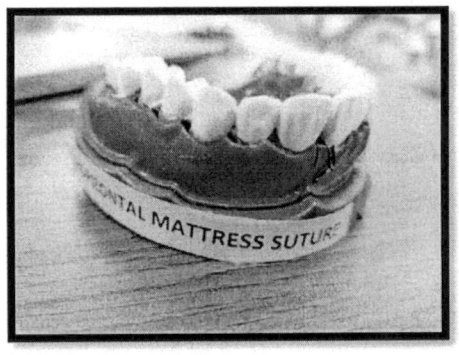




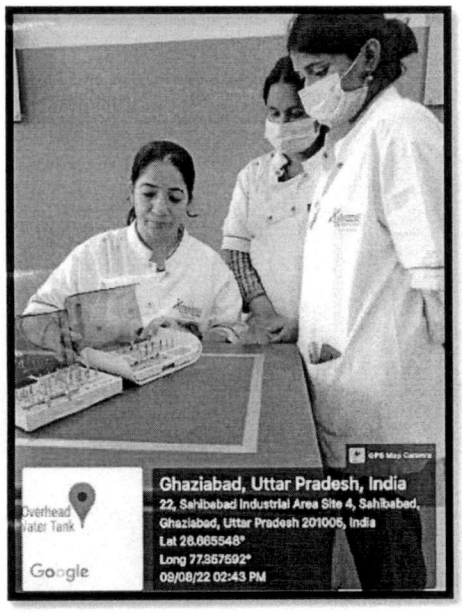


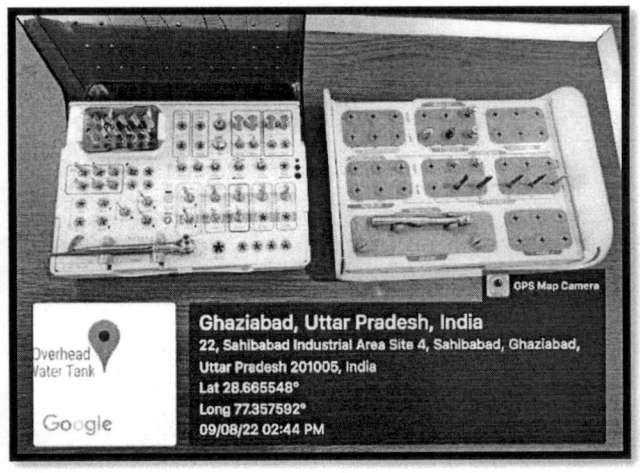






6. Fabrication of model to show different suturing techniques





6.Demonstration of Implant Kit

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Sahibabad

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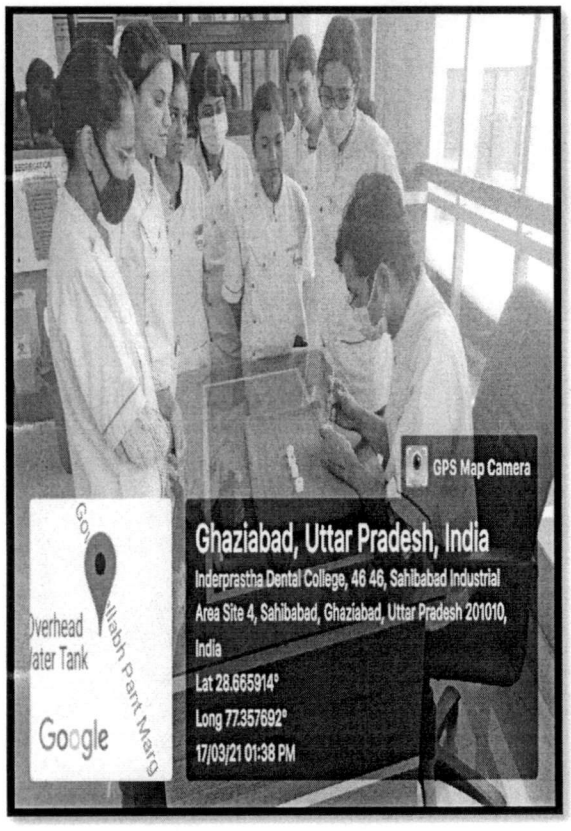
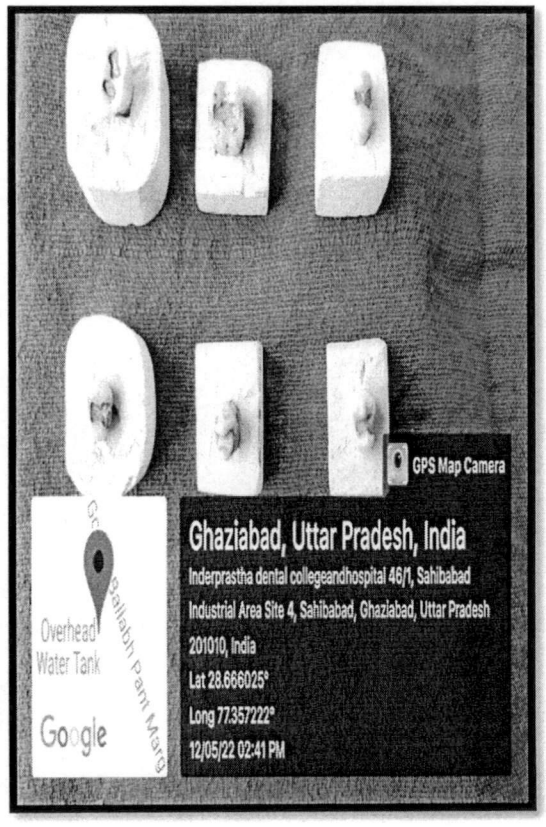
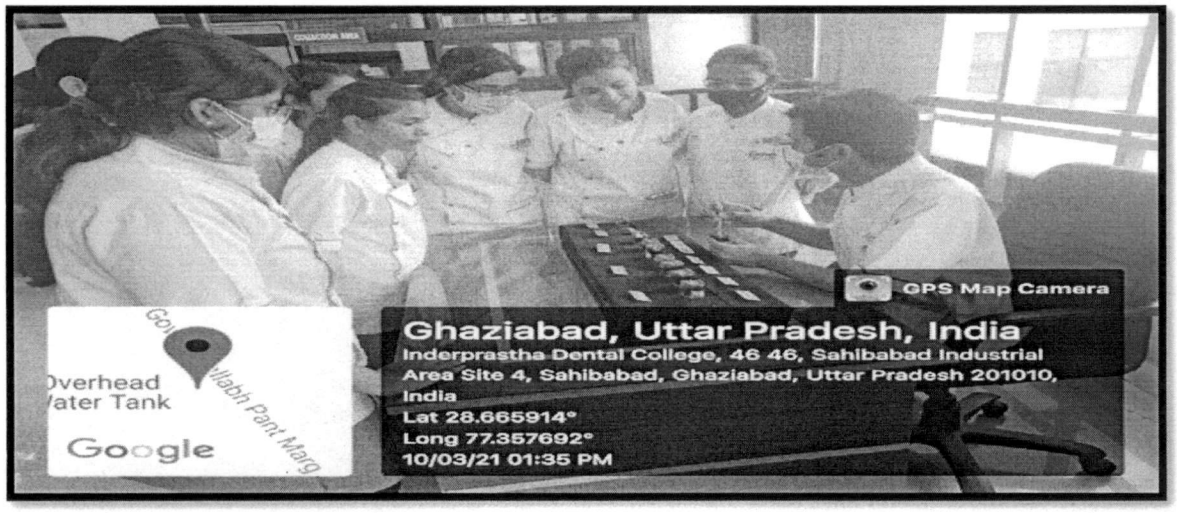
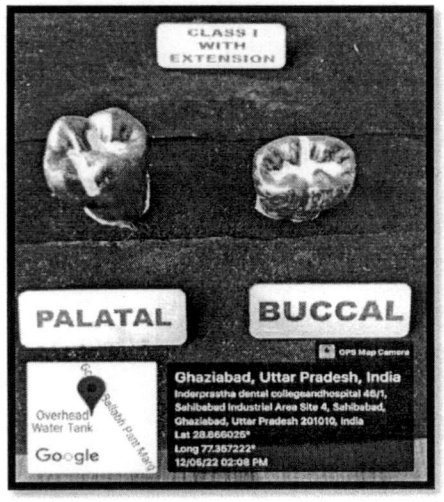
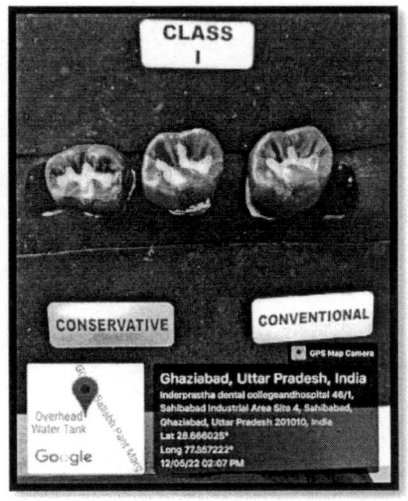
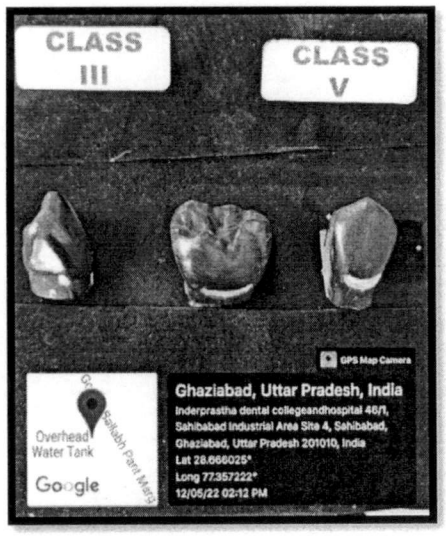


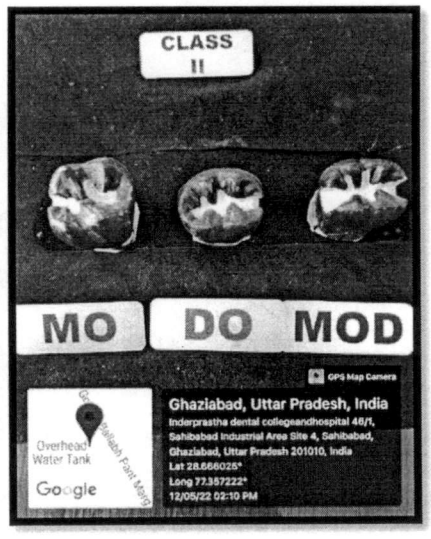




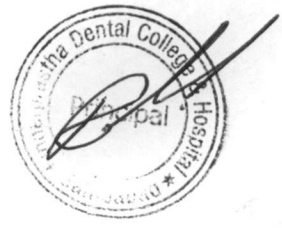


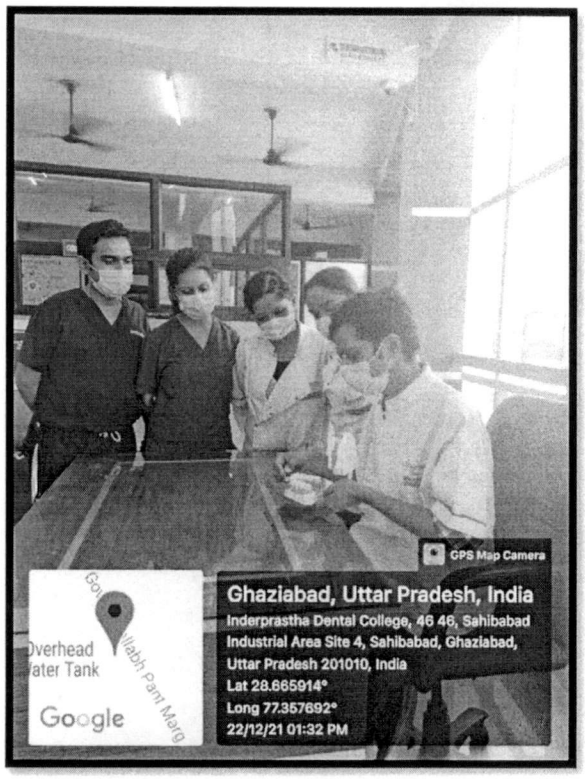


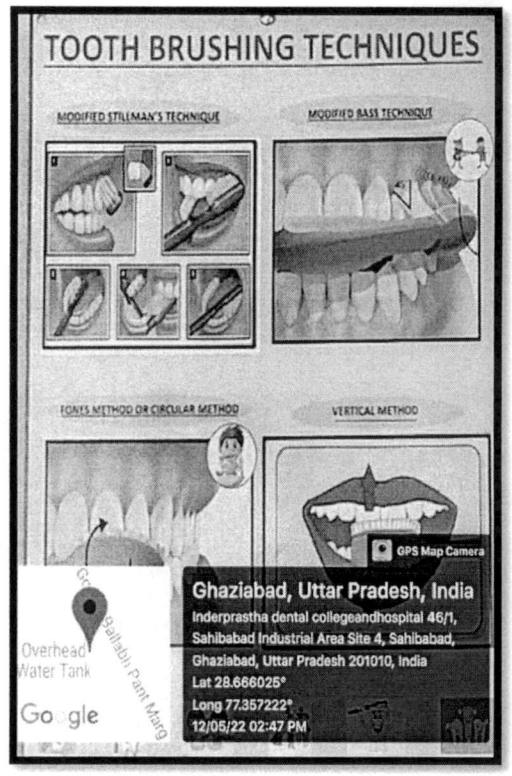




1. **Cavity Preparation and Restorations on Extracted Tooth and Plaster Model**







2. Proper Brushing Technique for Maintaining Good Oral Hygiene with The Help of Educational Posters

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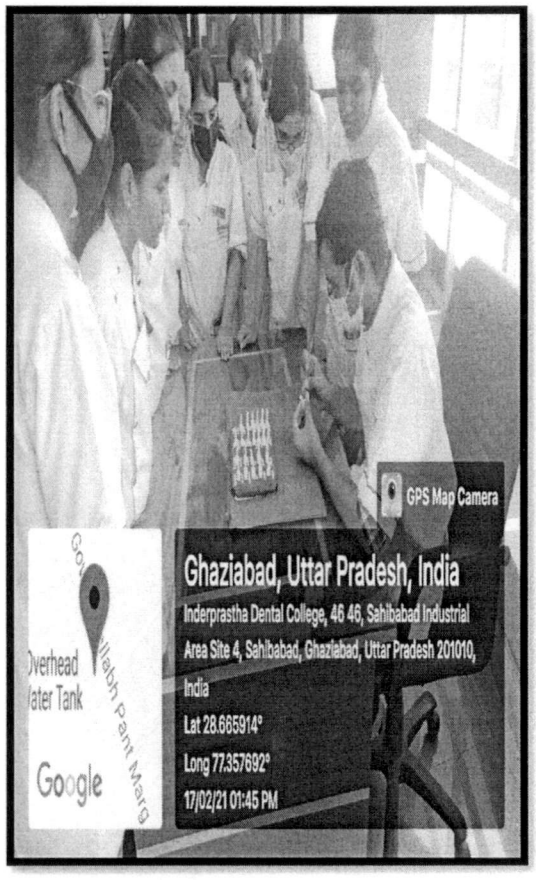
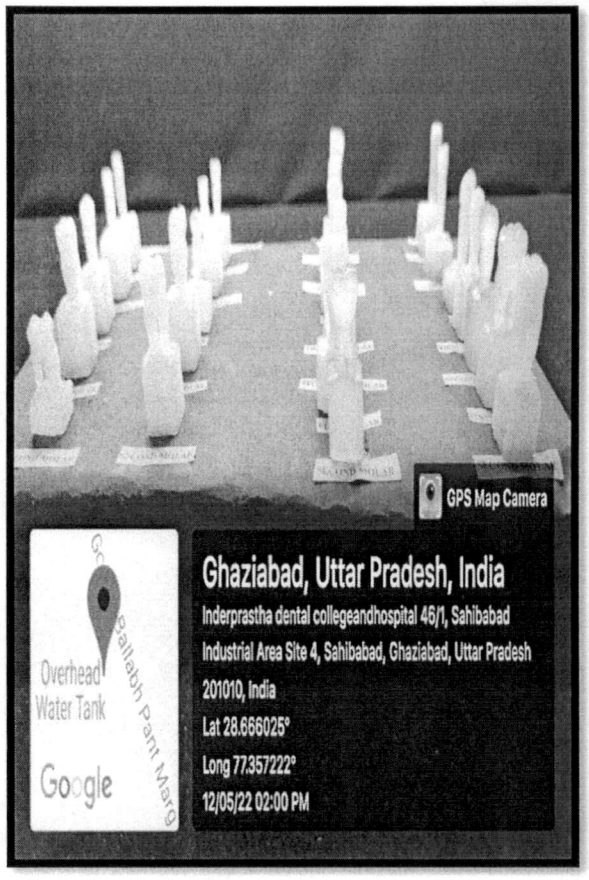
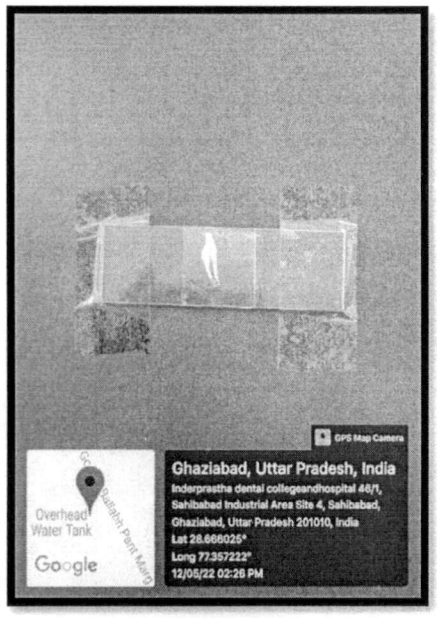
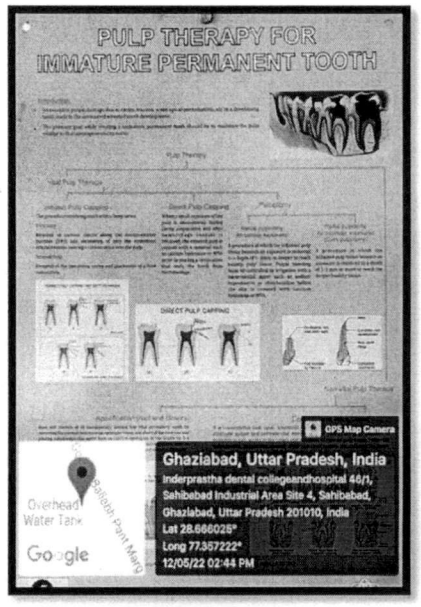
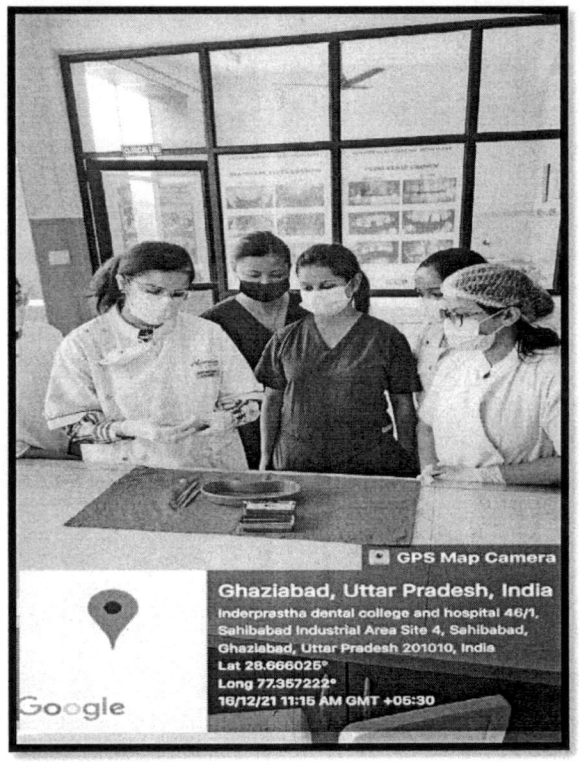




3. Wax Carving of Deciduous Teeth and Permanent Teeth (For Morphology and Anatomy)







4. **Pulp Therapy on Extracted Tooth (Cross-Sectional View) as well as with the Help of Educational Posters**

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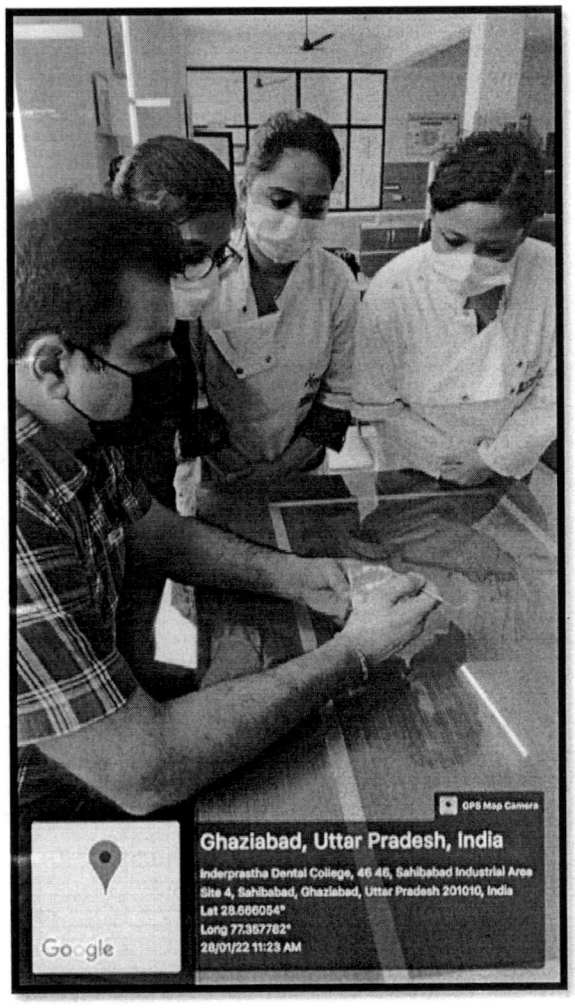
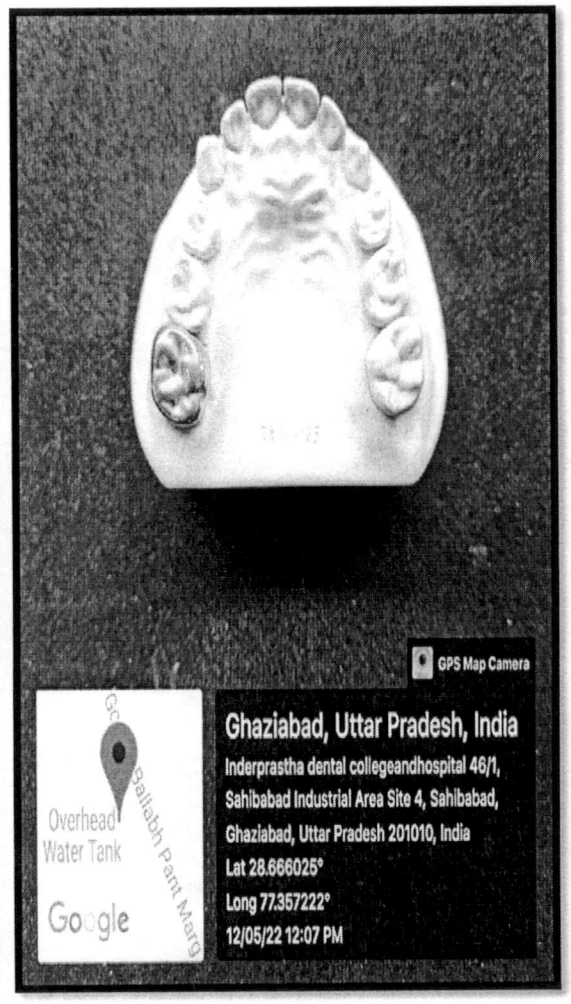
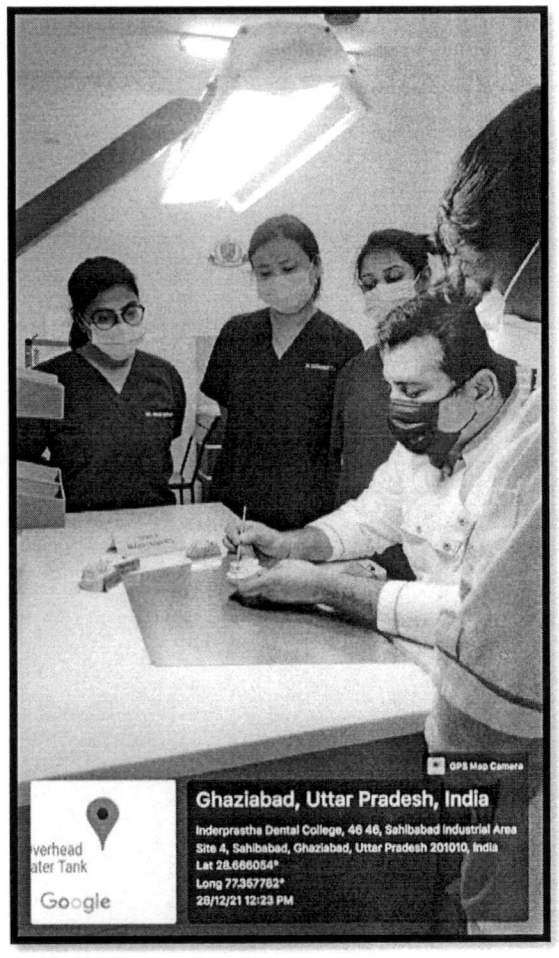
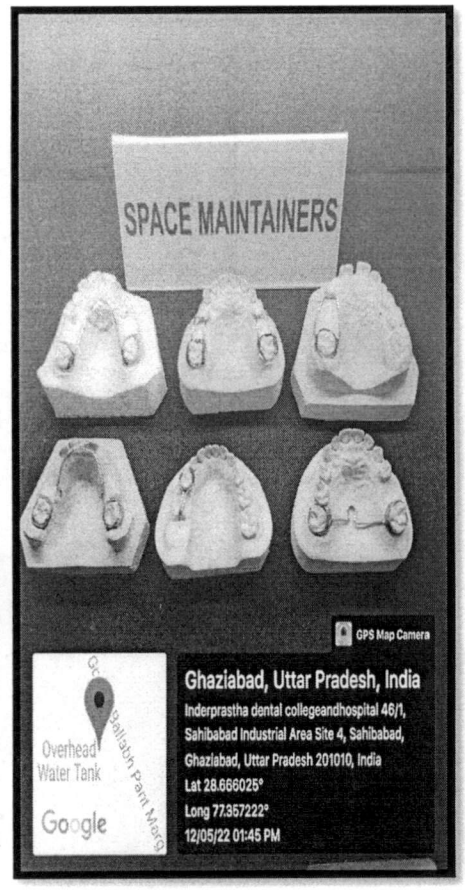


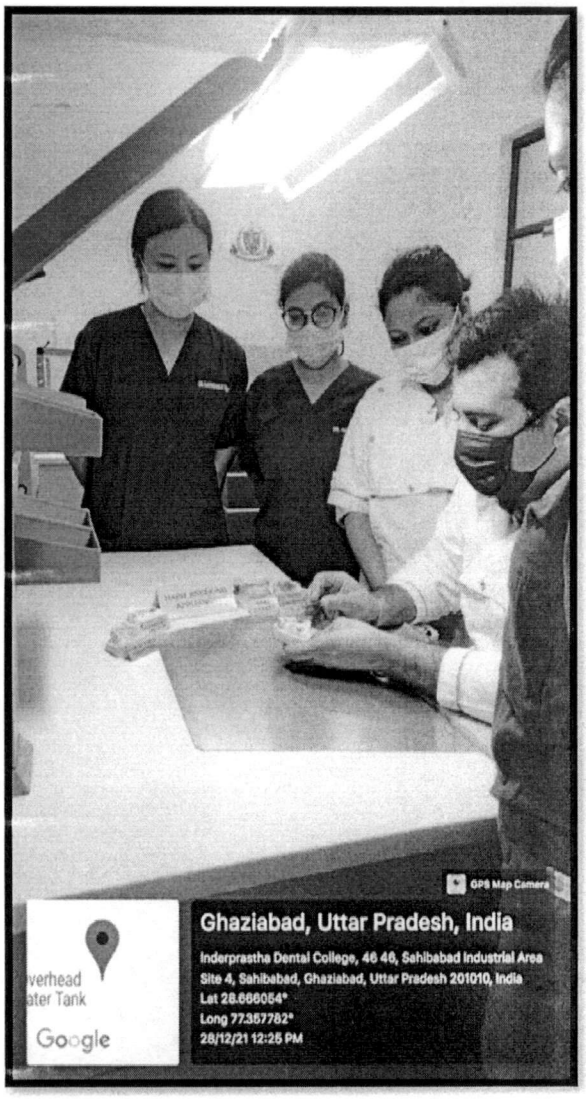


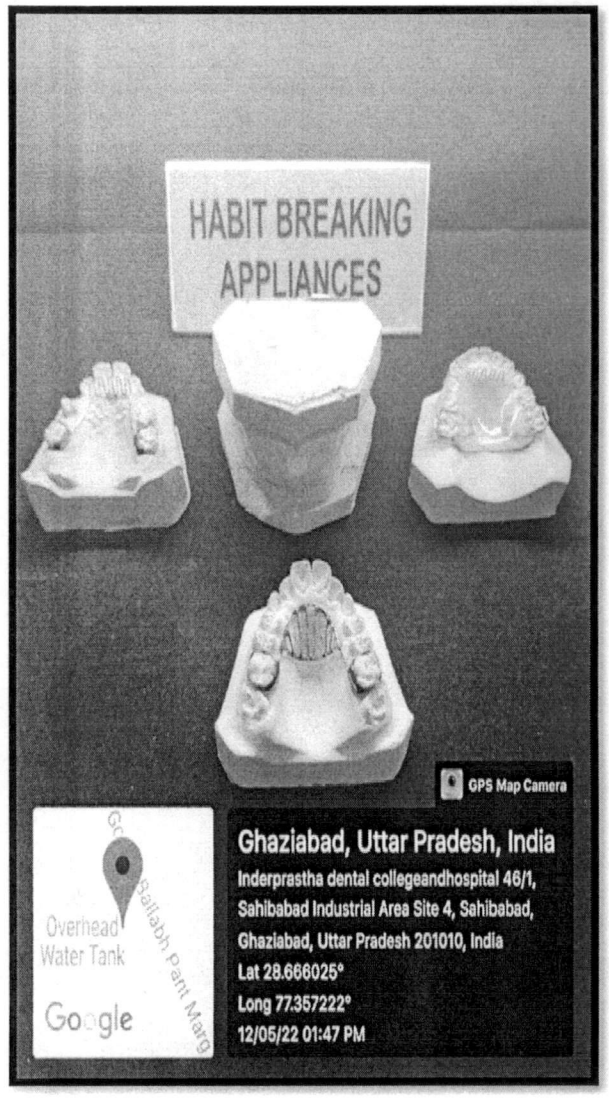
5. Study Model on Stainless Steel Crown



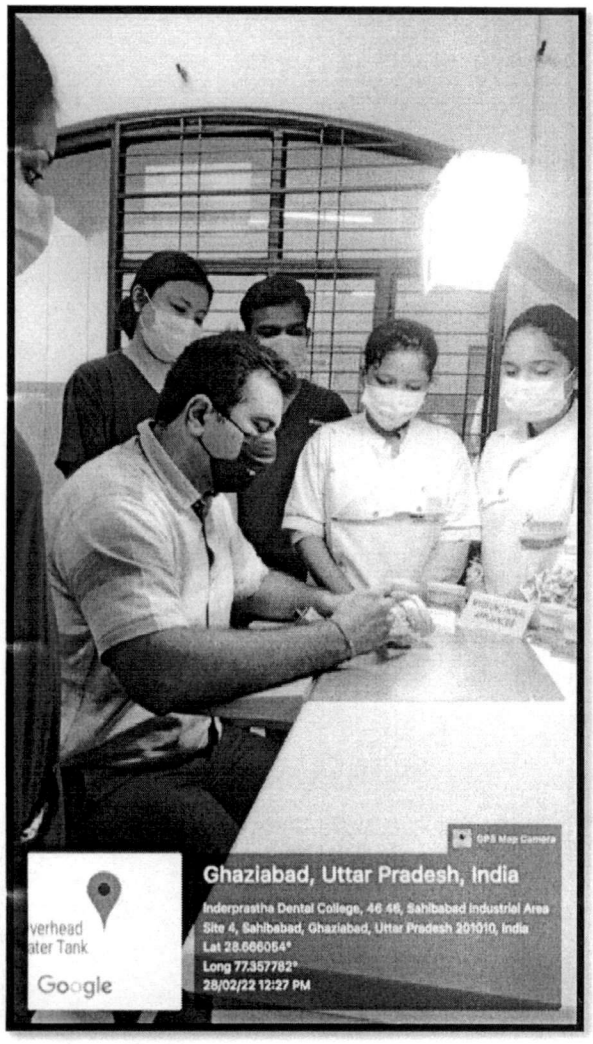


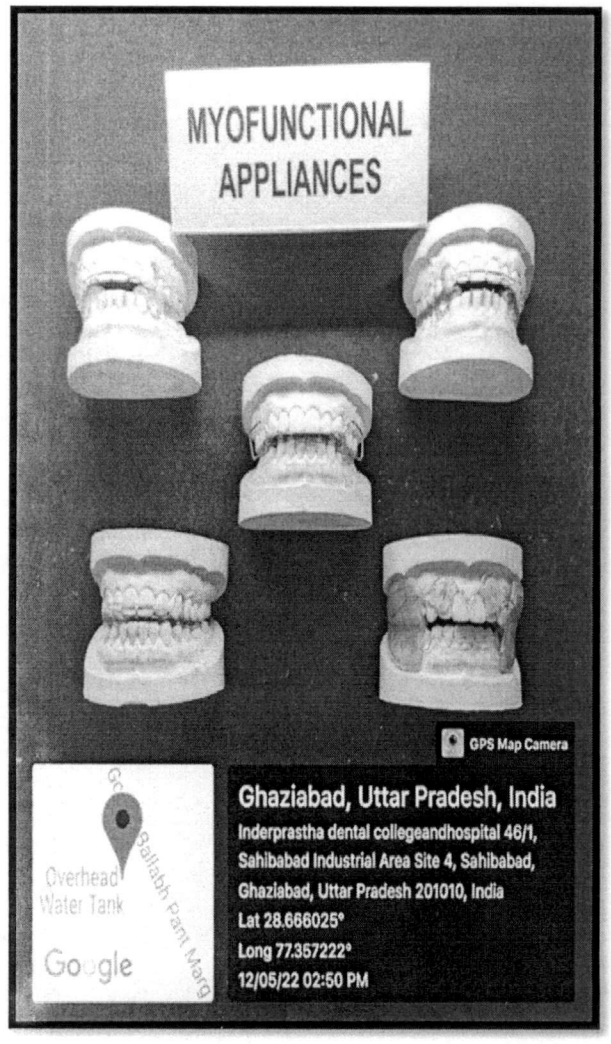
6. **Education Models of Space Maintainers for Learning and Understanding the Concept of Managing the Space in Case of Early Shedding or Early Extraction of Deciduous Teeth Before its Actual Time of Exfoliation**



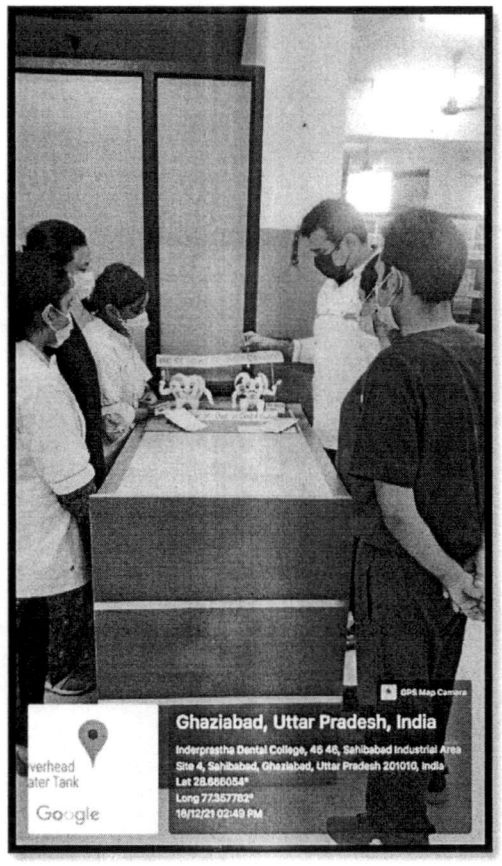


7. Education Models of Habit Breaking Appliances for Learning and Understanding the Concept of Preventing Deleterious Effects of Oral Habits



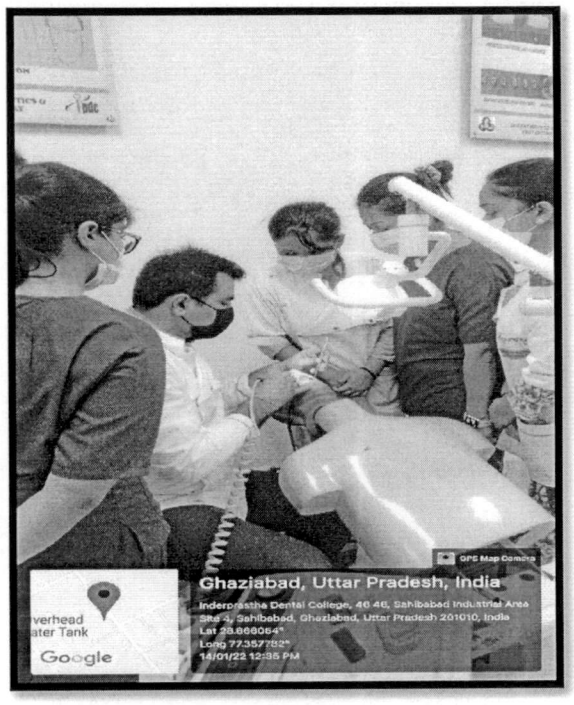


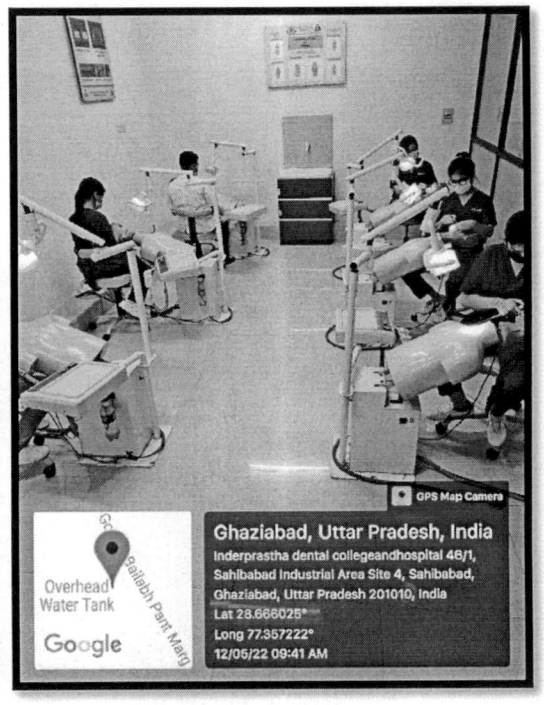
8. Study Models on Myo-functional Appliances



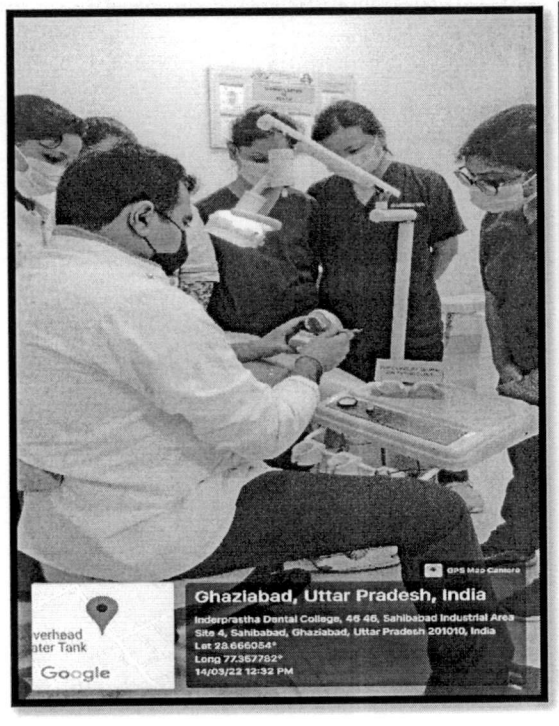
9. Model for Hearing Impaired Child Patient

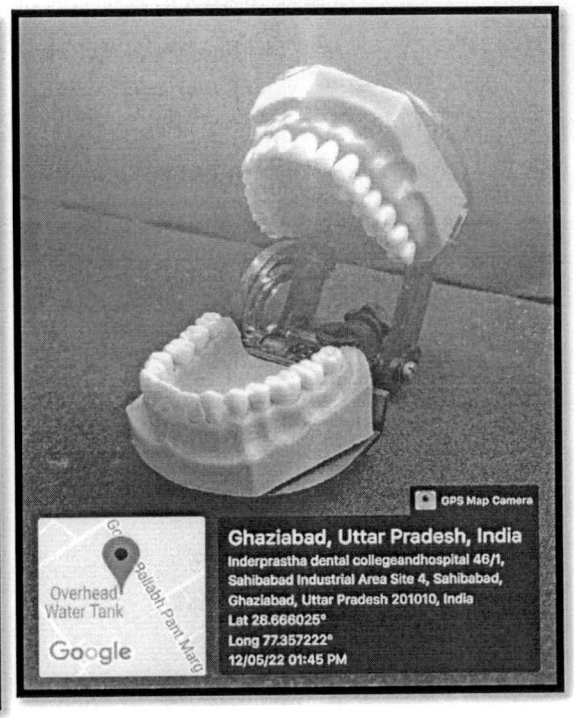
Inderprastha Dental College & Hospital





10. Phantom Head Laboratory with Articulated Maxillary and Mandibular Jaw Set with Mounted Typhodonts





11. Articulated Jaw Set with Mounted Typhodonts

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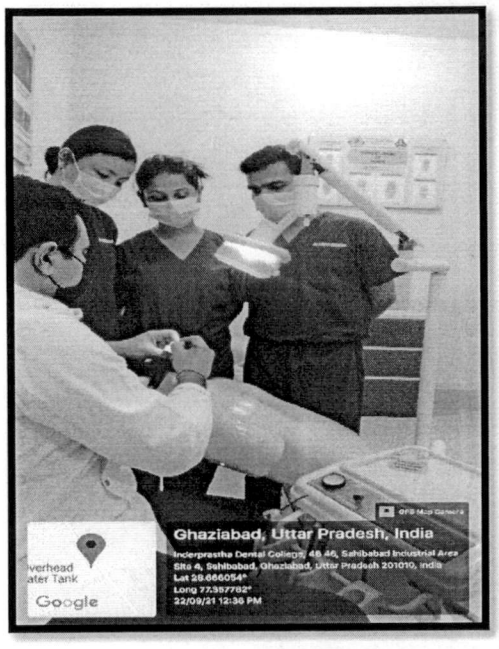
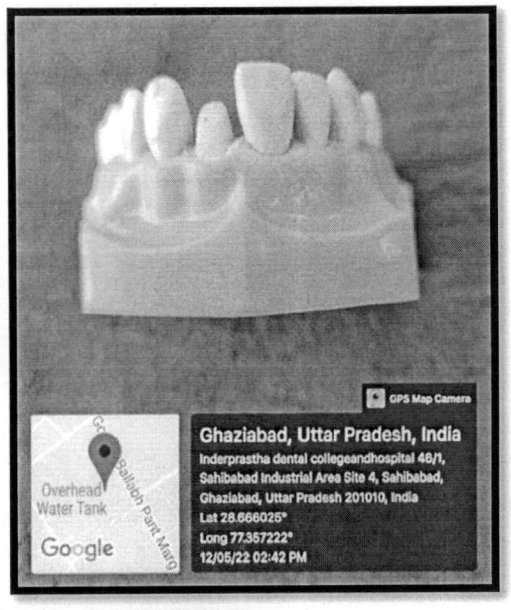
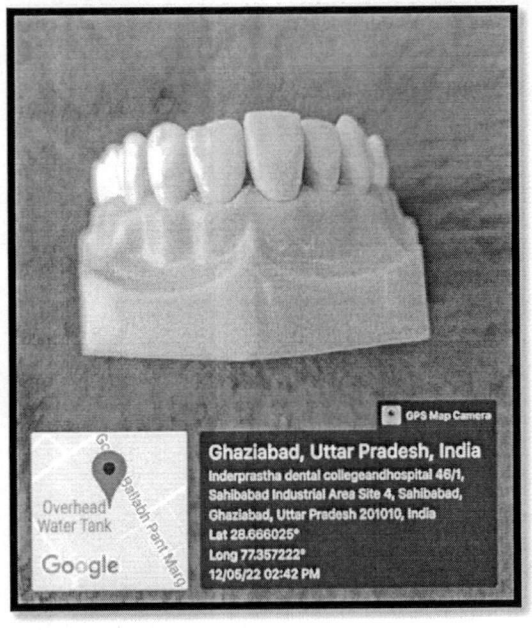
Principal







12. Aesthetic Crown – Preparation and Adaptation on Typhodonts

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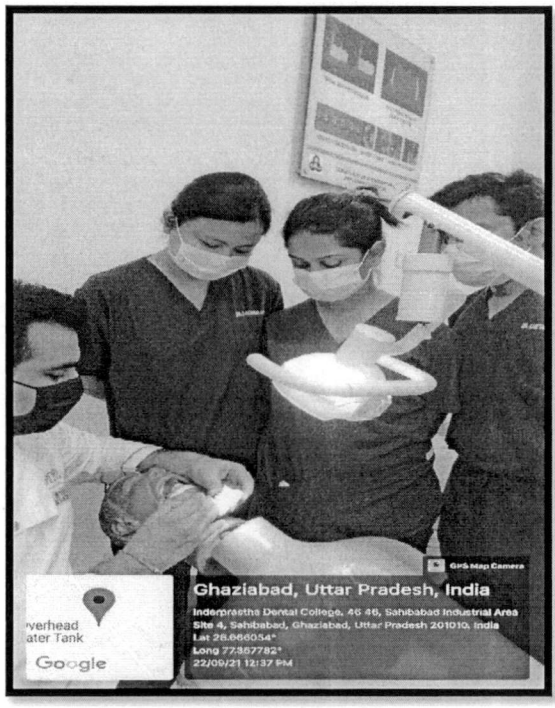
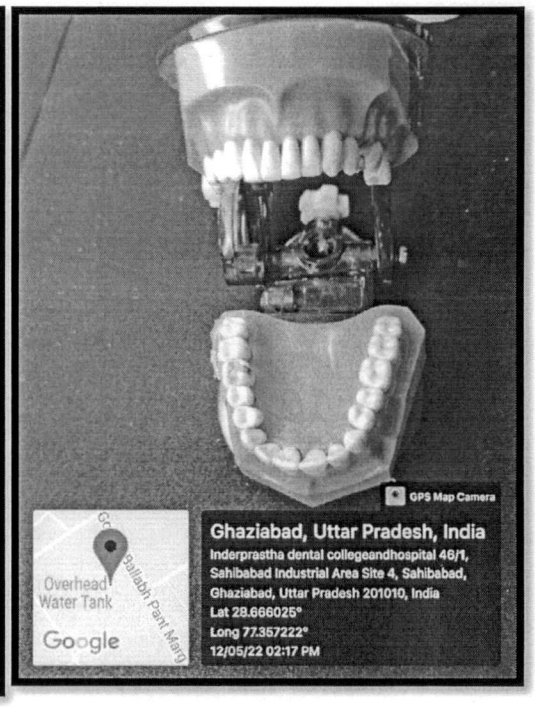
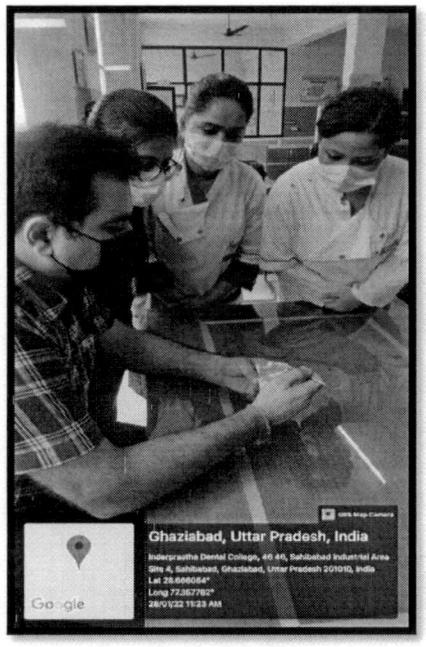
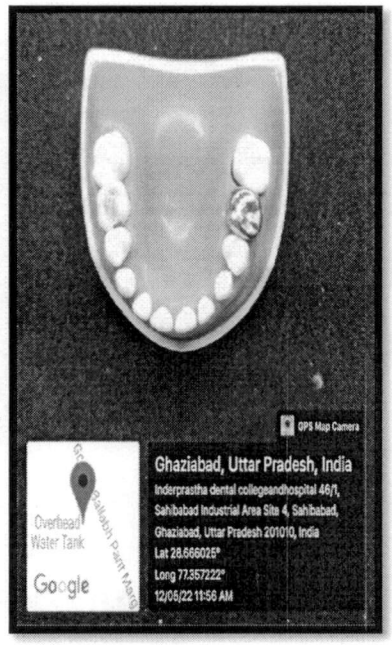




13. Cavity Preparation and Restoration on Typhodont Mounted on Articulated Jaw Set





14. Stainless Steel Crown – Preparation and Adaptation on Typhodonts

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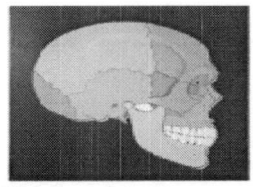
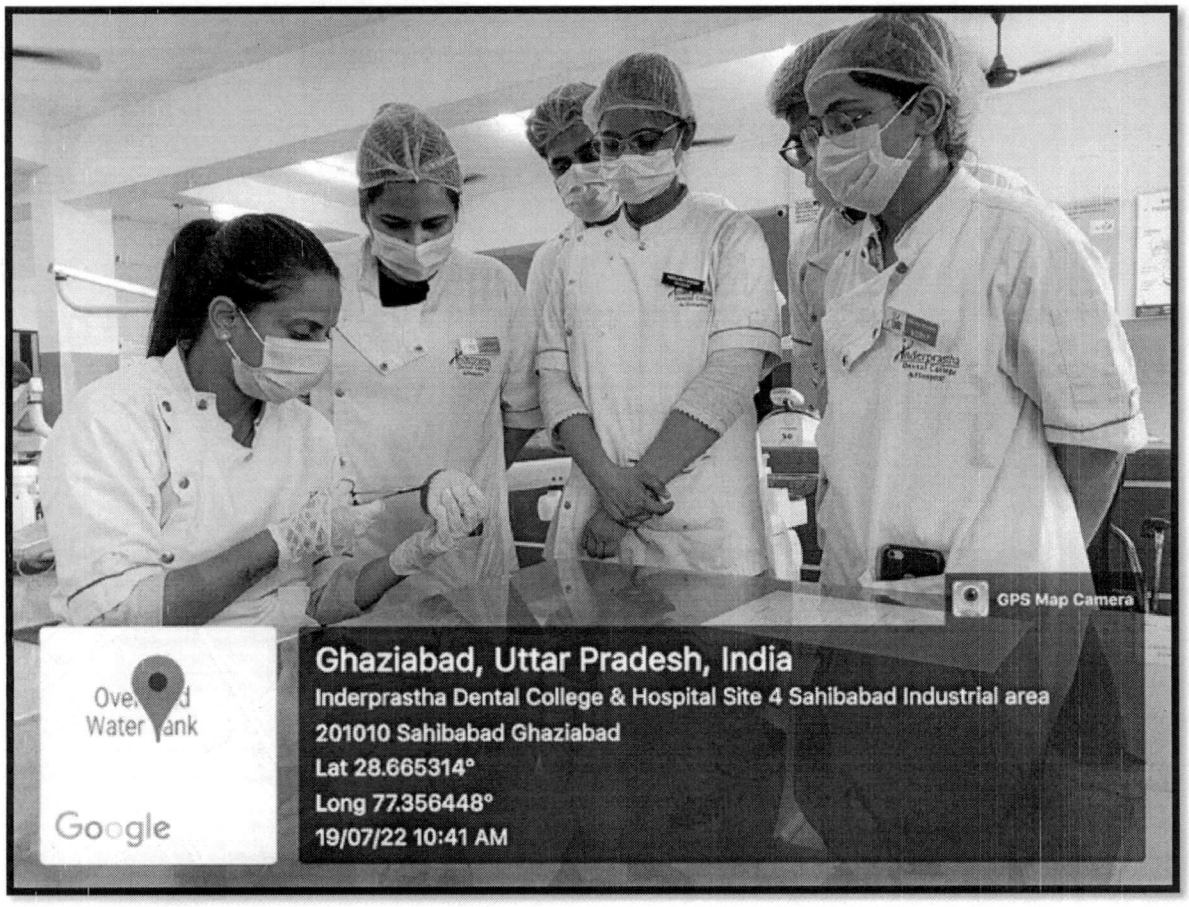
Ghaziabad-201010 (U.P.)



Department of Oral and Maxillofacial Surgery



1. **Ivy-Eyelet**

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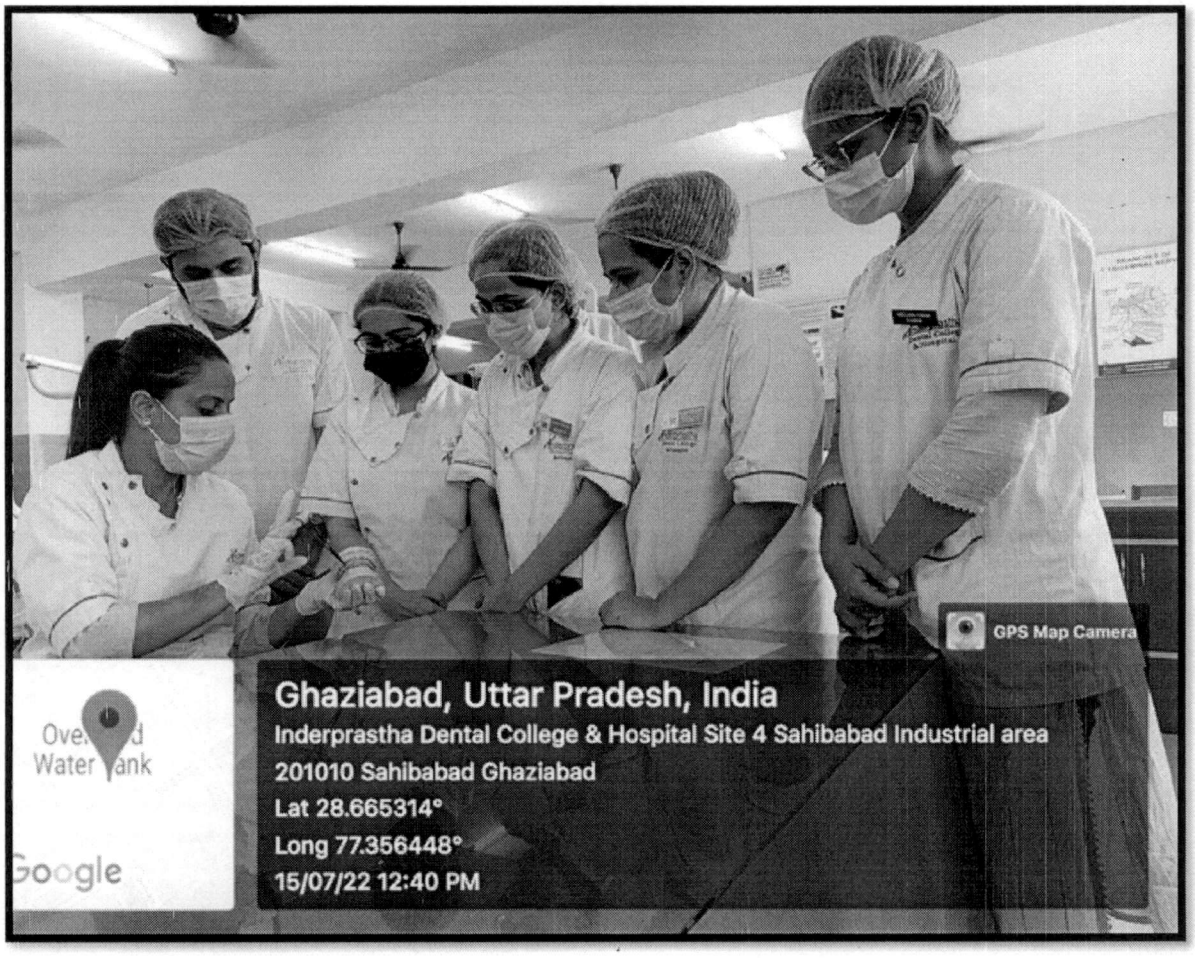
Sahibabad



2. Arch Bar

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3. Suturing Technique Demonstration

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Principal
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4. Mandibular Nerve Block Demonstration

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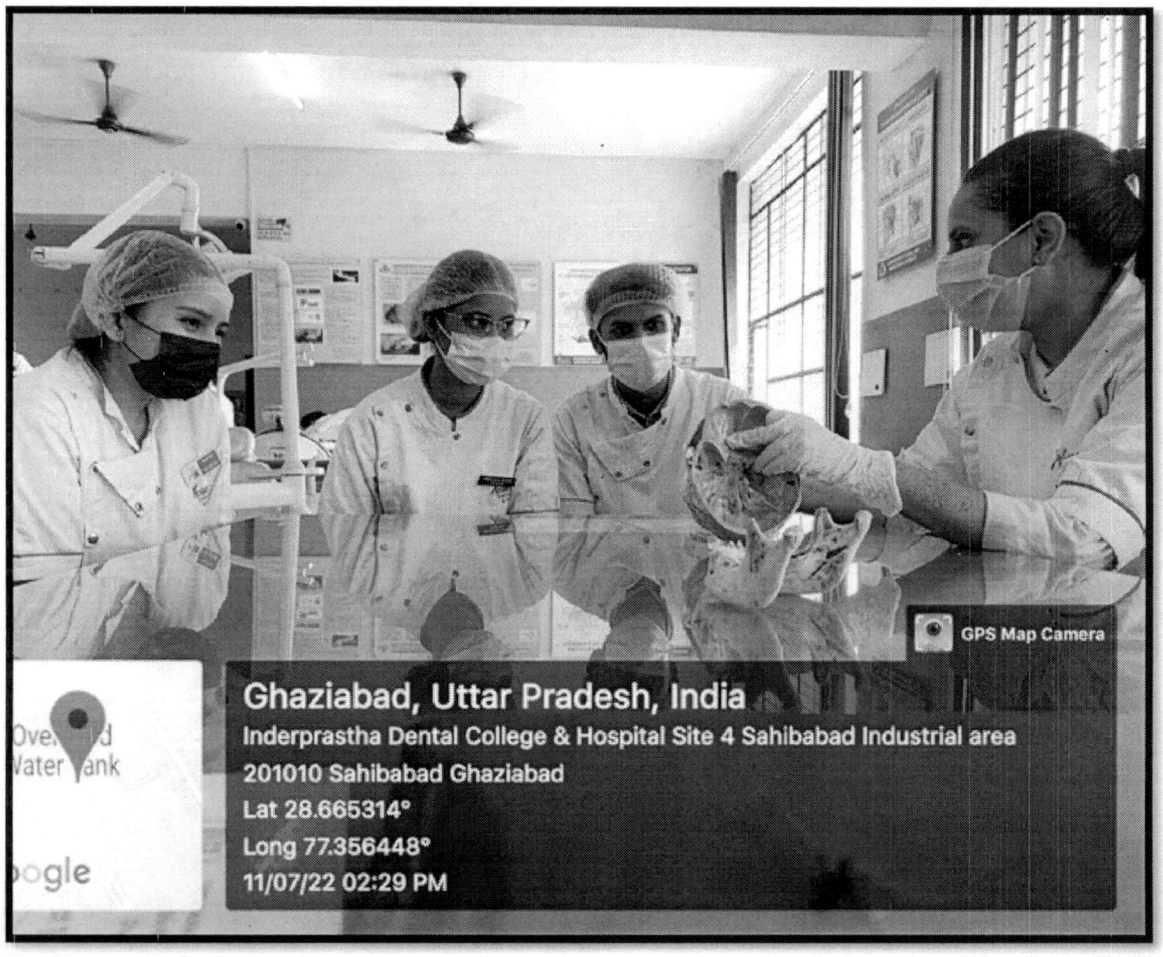

5. Maxillary Nerve Block Demonstration

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6. Dental Implant Model

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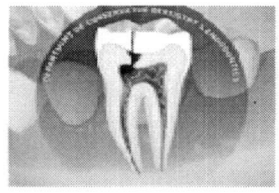
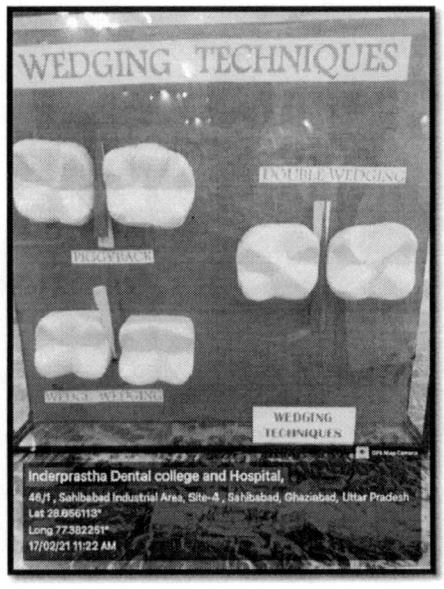
Ghaziabad-201010 (U.P.)



Department of Conservative Dentistry and Endodontics

1. **Cavity Preparation and Amalgam Restoration on Typhodont Teeth Mounted on Phantom Head Simulators Using Magnifying Loupes.**



2. **Models Depicting the Three Types of Wedging Techniques for Amalgam Restorations, i.e Piggy Back, Wedge And Double Wedging Techniques**

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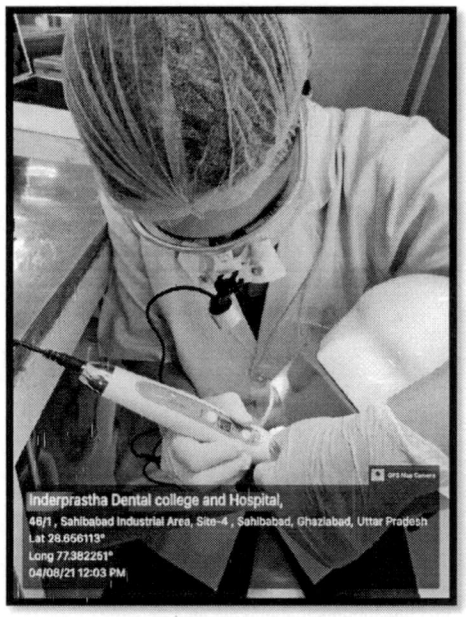
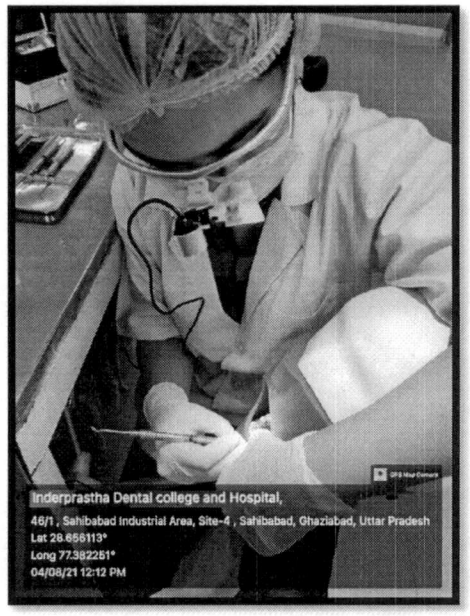
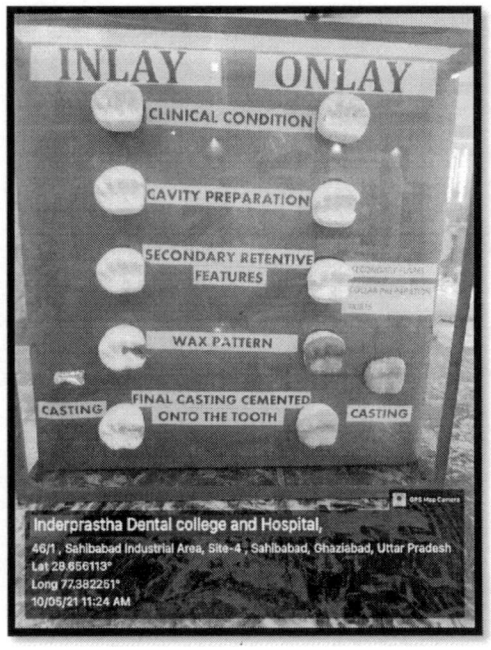




3. **Cavity Preparation and Composite Restoration, Finishing and Polishing on Typhodont Teeth Mounted on Phantom Head Simulators Using Magnifying Loupes.**



4. **Models Displaying Tooth Preparation, Wax Pattern and Final Casting Cemented On Tooth for Inlays and Onlays.**

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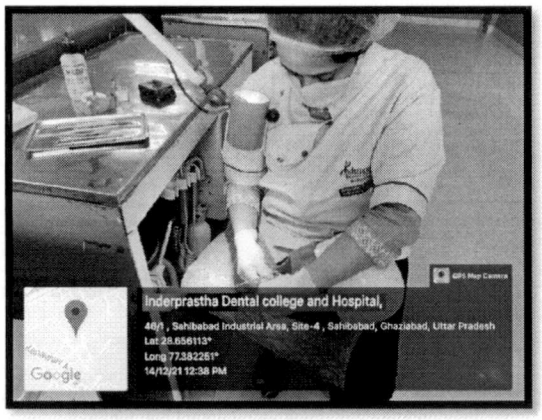
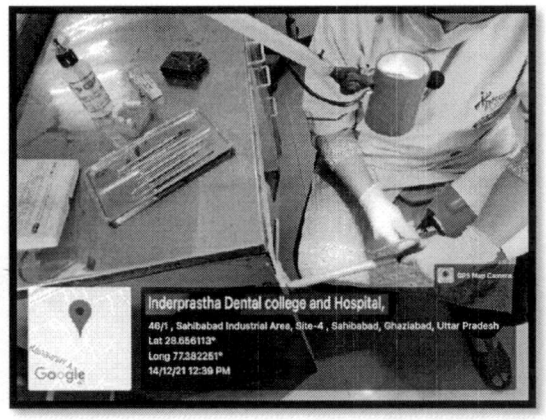
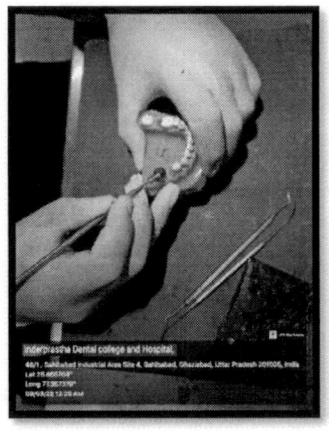




5. **Tooth preparation for inlays, onlays and wax patterns on typhodont teeth mounted on phantom head simulators.**



6. **Root canal treatment on extracted teeth**

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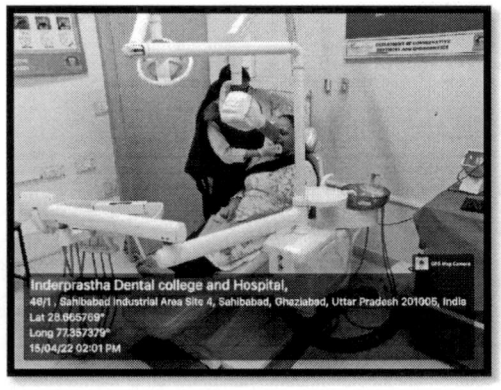
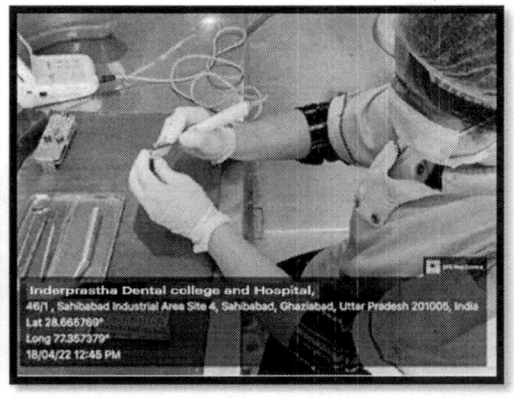
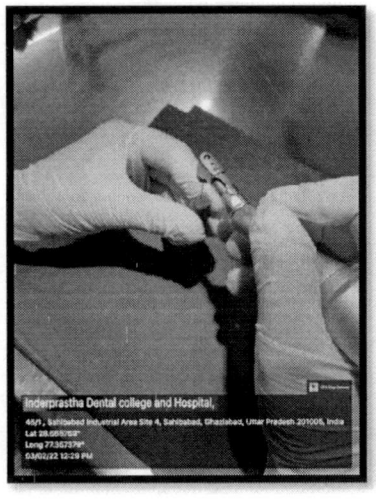


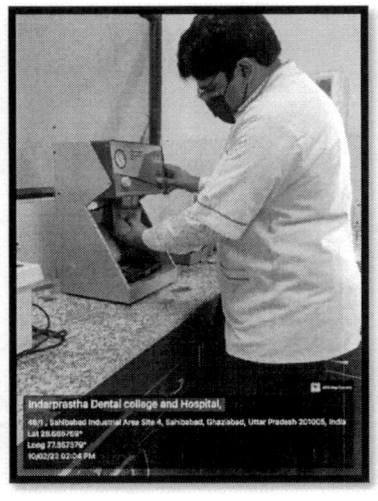


7. (a) Access Cavity Preparation, Working Length Determination Using Electronic Apex Locator and Confirming the Same Using RVG Sensor andX-Ray Unit

(B) Cleaning And Shaping of Root Canals Using Hand and Rotary Instruments

(C) Obturation Using Various Techniques, i.e. Cold Lateral Condensation and Thermo-Plasticized Gutta-Percha Technique





8.Post and core fabrication on extracted mounted tooth

(a)Post space preparation

(b) Tooth preparation with ferrule

(c) Casting

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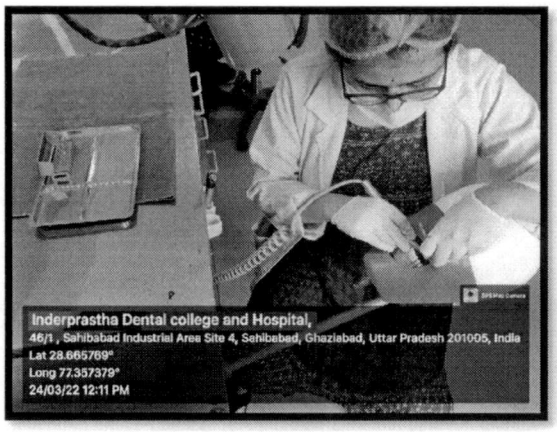
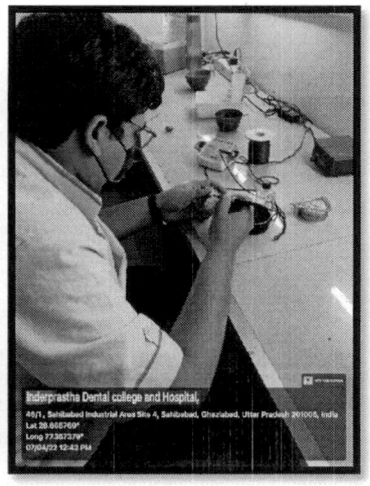
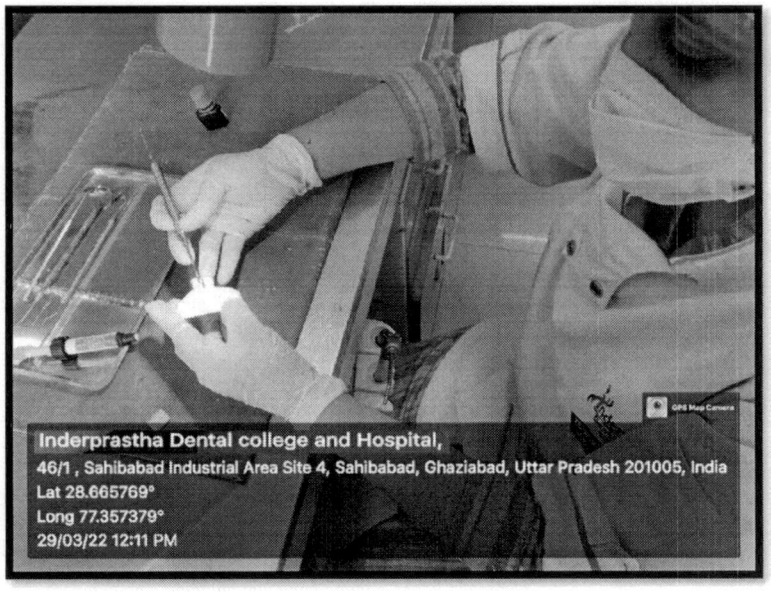




9. Tooth Preparation for metal and PFM crowns

(a) Tooth Preparation for Metal and PFM Crowns on Typhodont and Extracted Mounted Teeth on Phantom Head Simulators

(b) Casting Procedure in Casting Lab



10. Direct Veneers

(a) Tooth Preparation on Extracted Teeth

(b) Direct Veneers on Extracted Mounted Teeth

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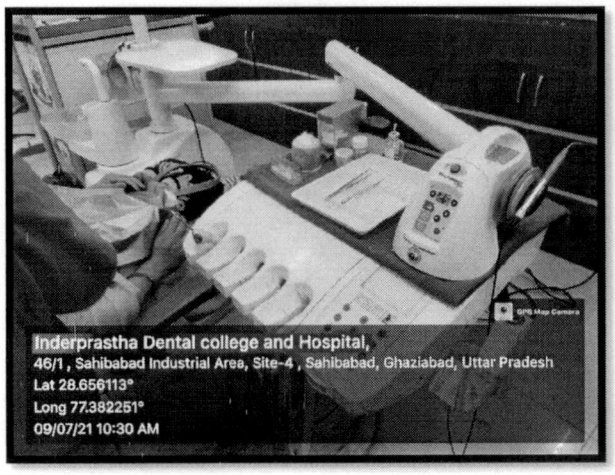
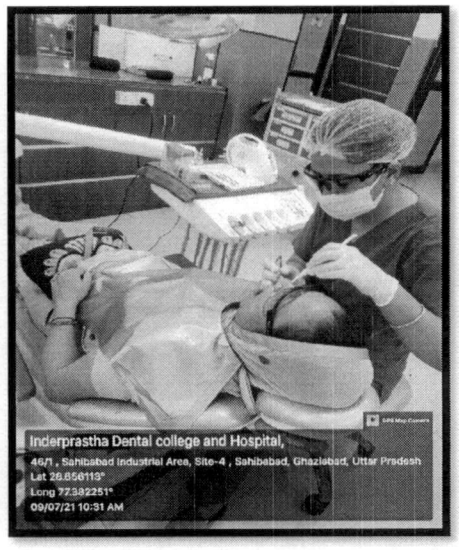
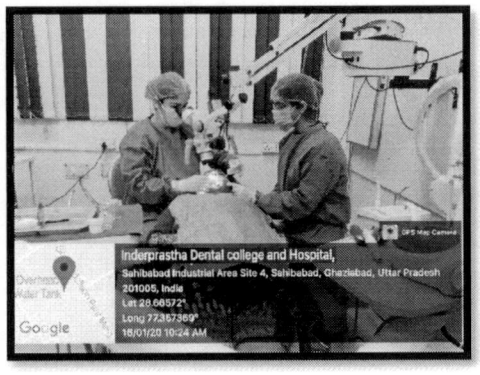
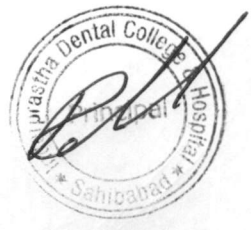


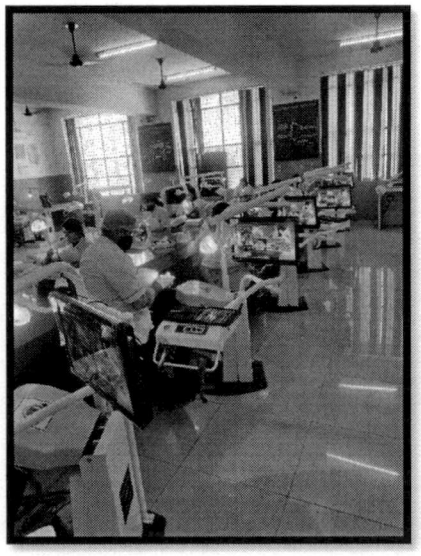


11. Diode LASER

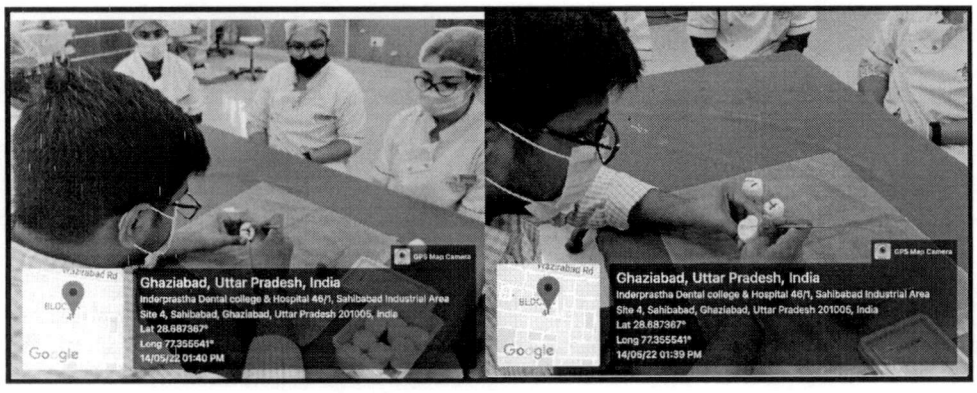


12. Dental Operating Microscope





13. Different Cavity Preparation Exercises are being carried out on Phantom Unit, Simulating the various Clinical Conditions.



14. Demonstration of cavity cutting and wax filling being carried on plaster models.

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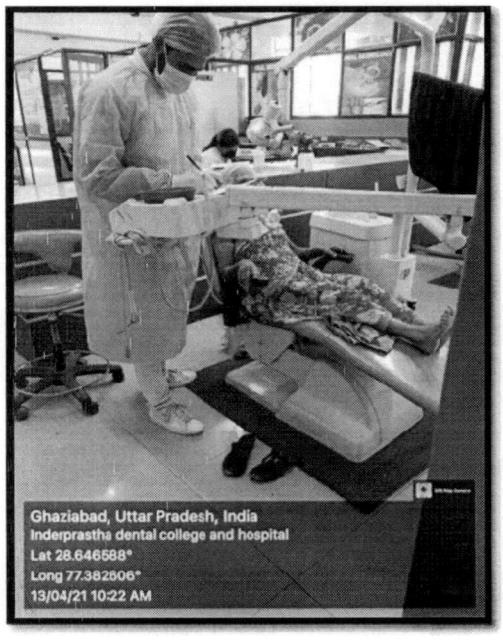
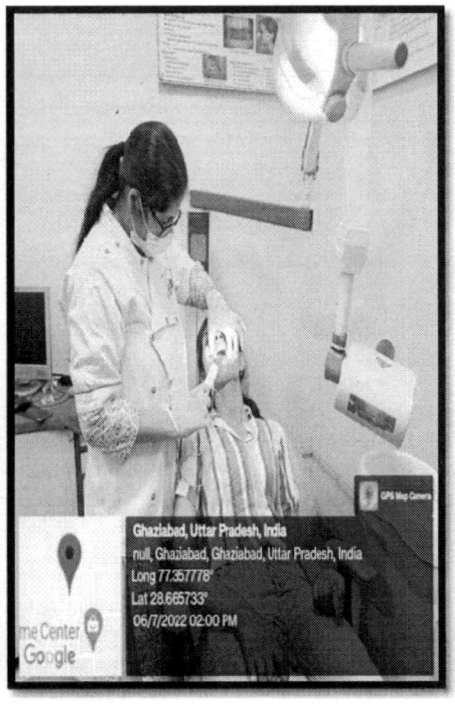
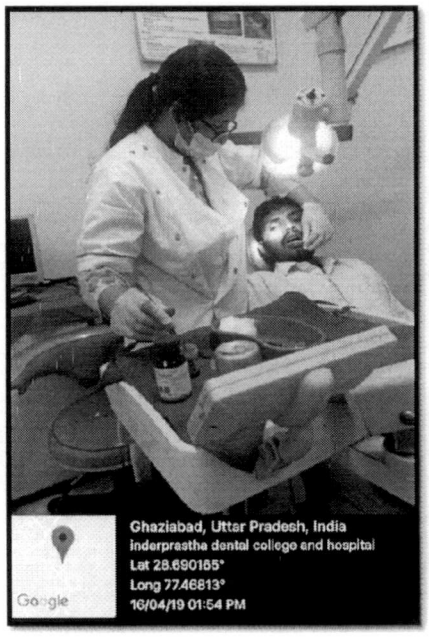
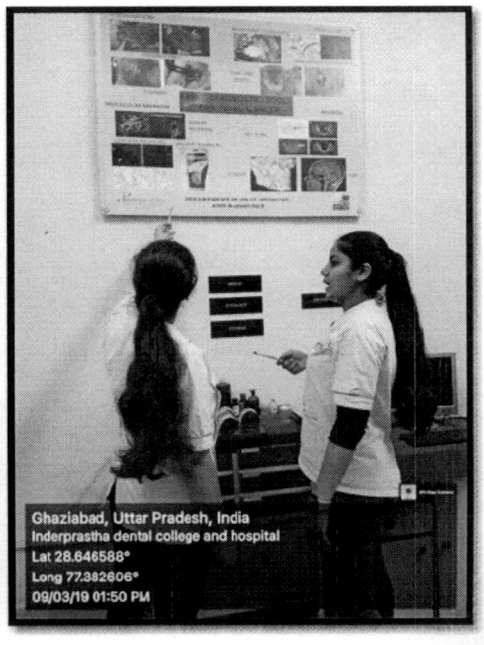
Department of Oral Medicine & Radiology



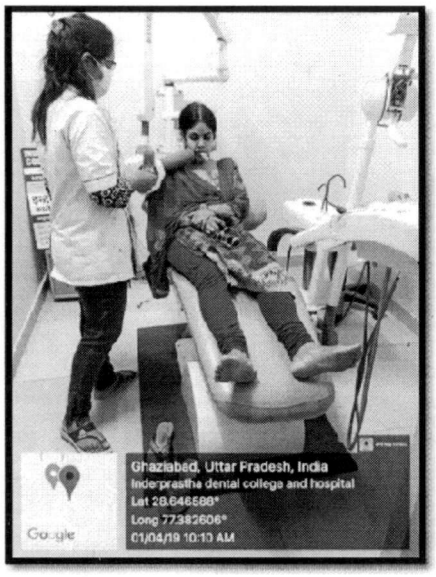


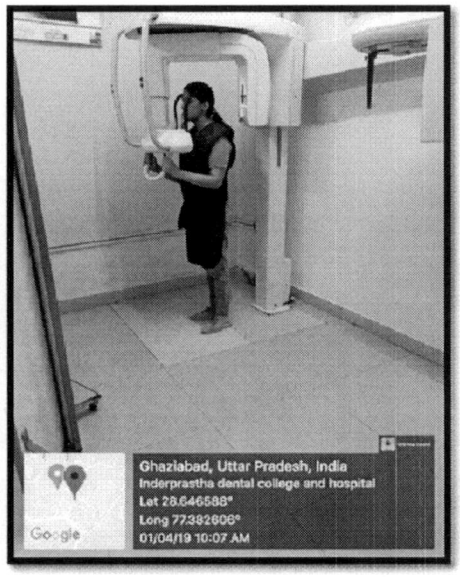
1. **Case History Taking and Basic Clinical Examination Techniques Including Lymph Node, Temporo-Mandibular Joint , Pulp Testing**





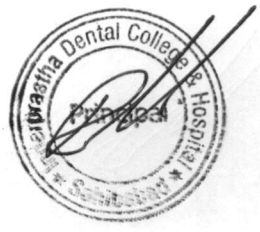
2. **Chair side Investigations – Vital Staining Techniques**

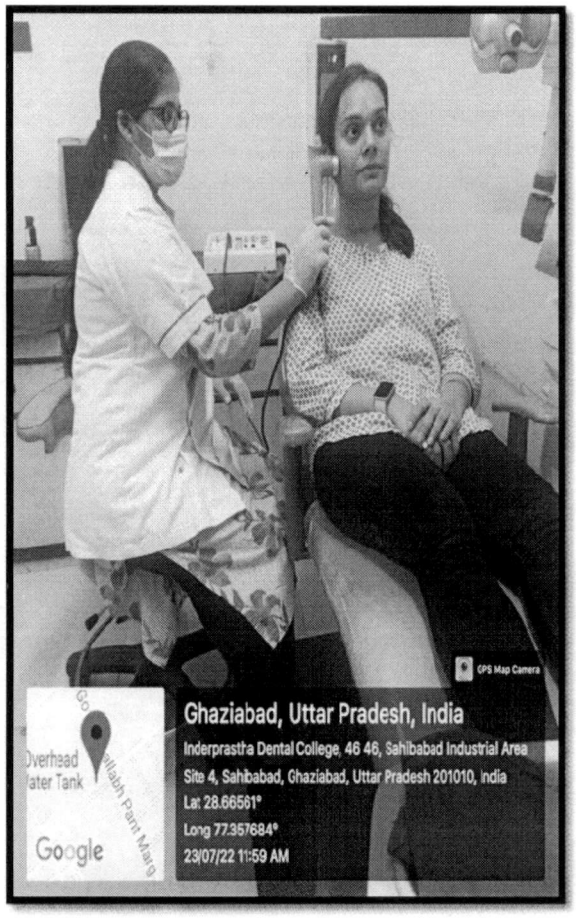




3. **Radiographic Investigations – Intraoral Periapical Radiographs**

- **Bitewing Radiographs**
- **Occlusal Radiographs**
- **OPG and lateral cephalogram**
- **Other Extraoral views**





4. Ultrasound Therapy

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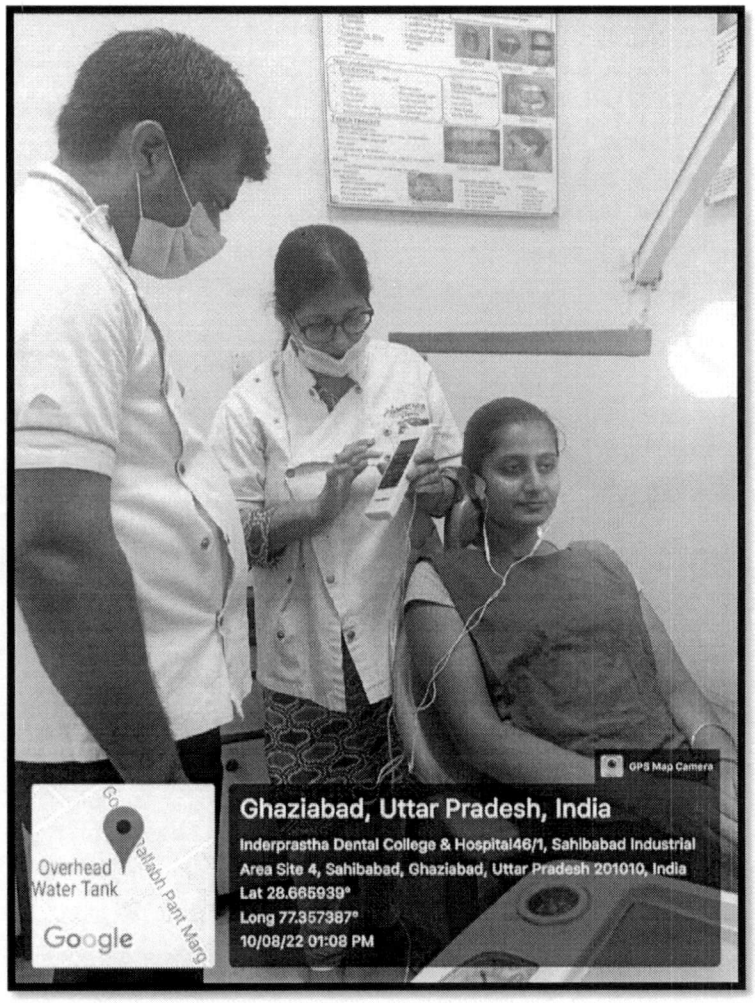

5. **TENS Therapy (Trans cutaneous electrical nerve stimulation)**

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Department of Public Health Dentistry

1. Types of Dentrifices- Indications

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2. Types of Dental Trauma-Model

3. Methods of Toothbrushing-Model

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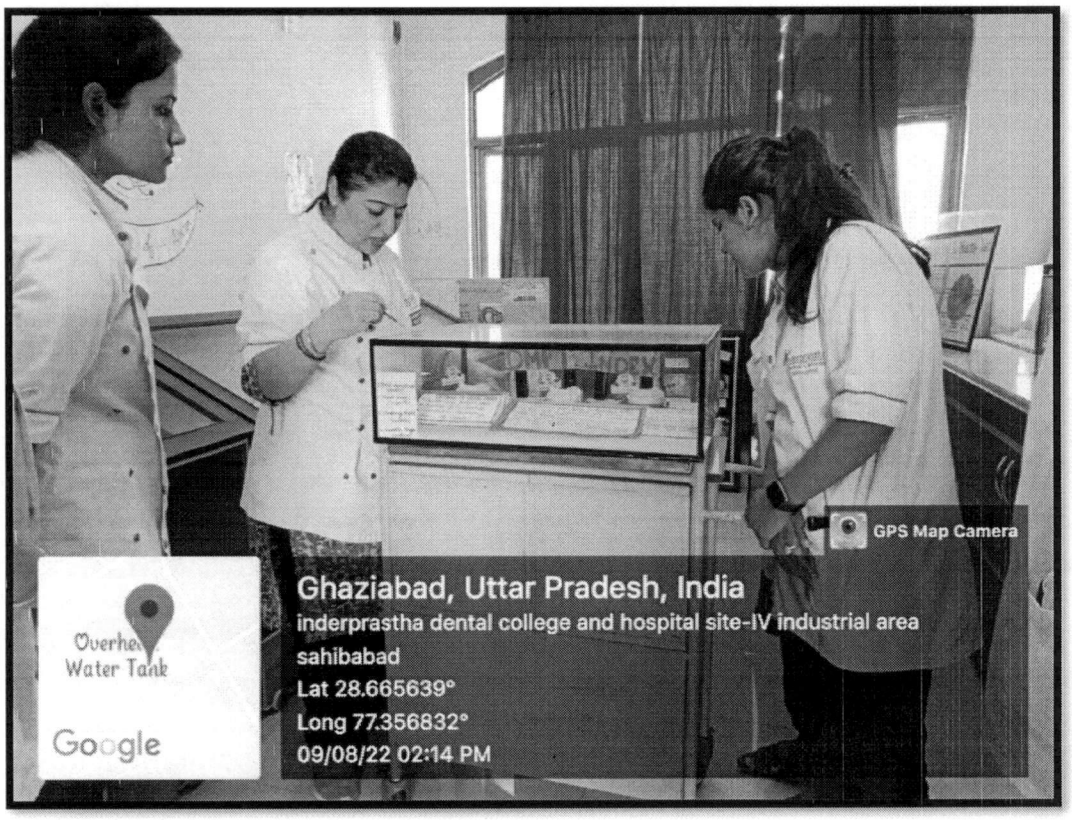
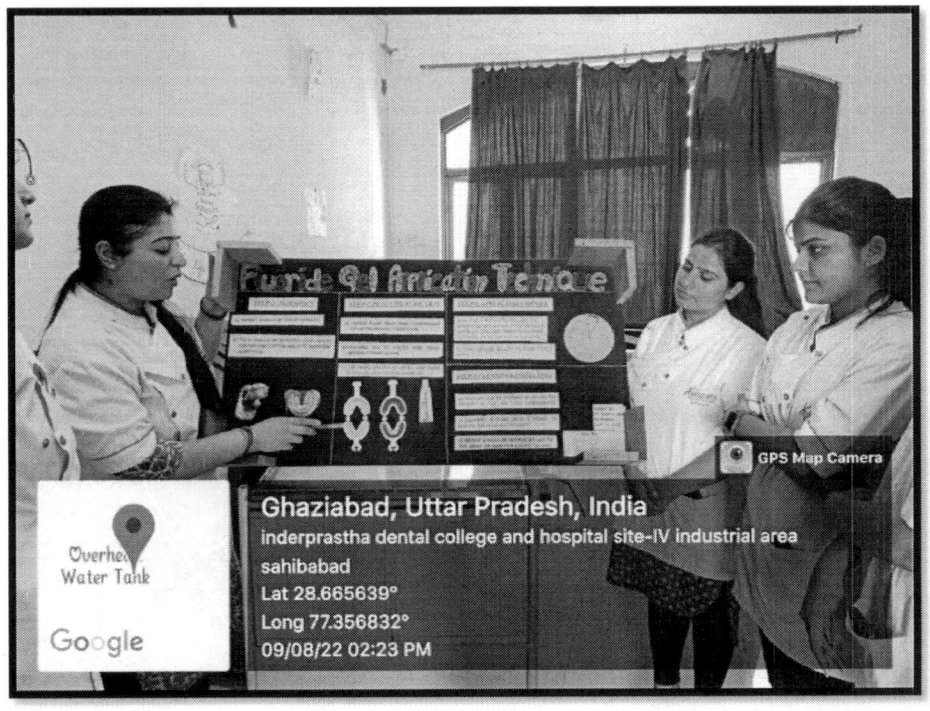


4. DMFT Index-Model



5. Pit and Fissure Sealant Application-Model

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6. Bio Medical Waste Management-Model

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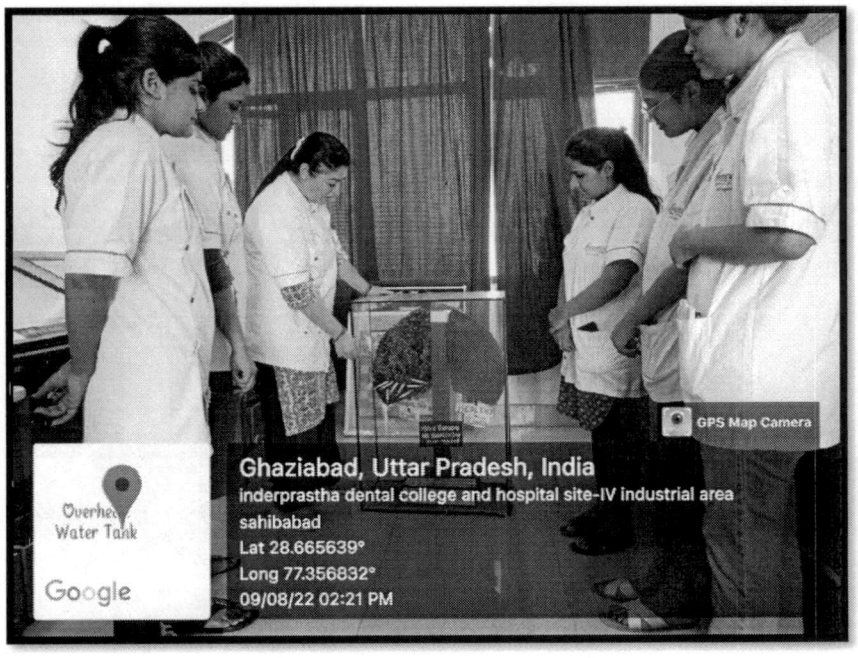
Principal
Sahibabad

7. **Community Camp Conduction Process Using Mobile Dental Van**



8. **Ill Effects of Tobacco in Oral cavity**

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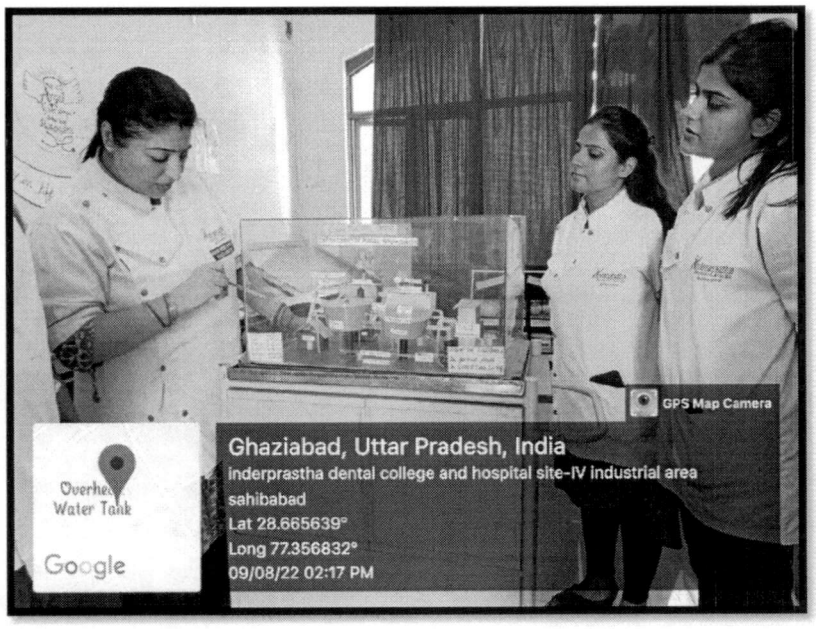

9. Working of Water Treatment Plant

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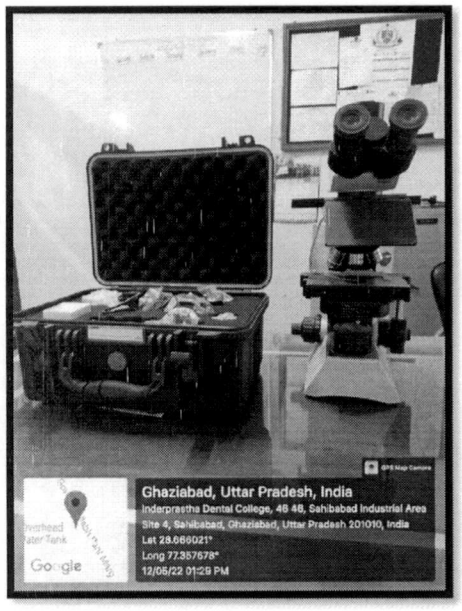
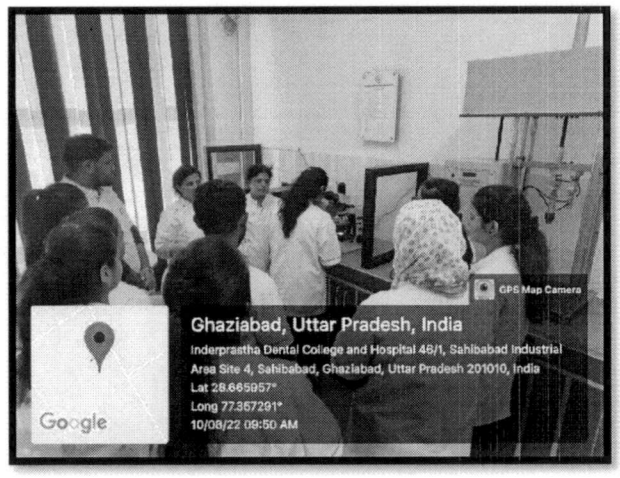
Ghaziabad-201010 (U.P.)

Department of Oral Pathology & Microbiology





1. **Research Microscope With All Attachments**

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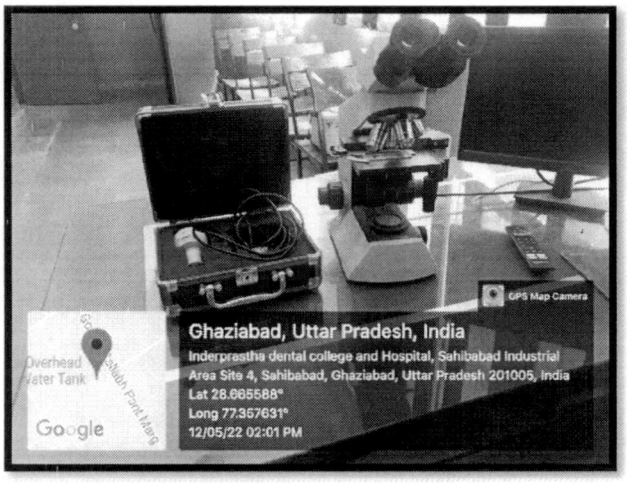
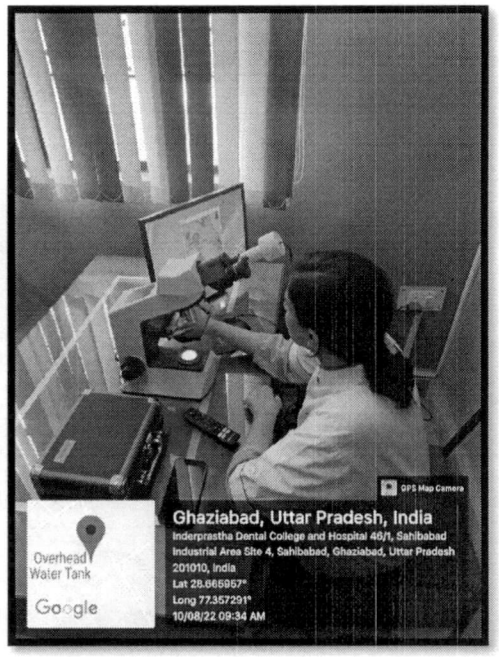
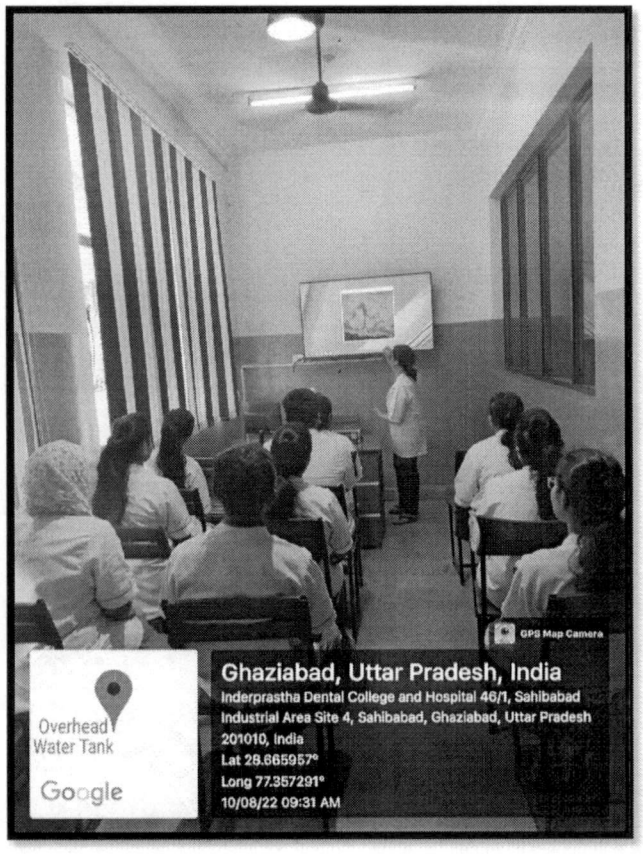
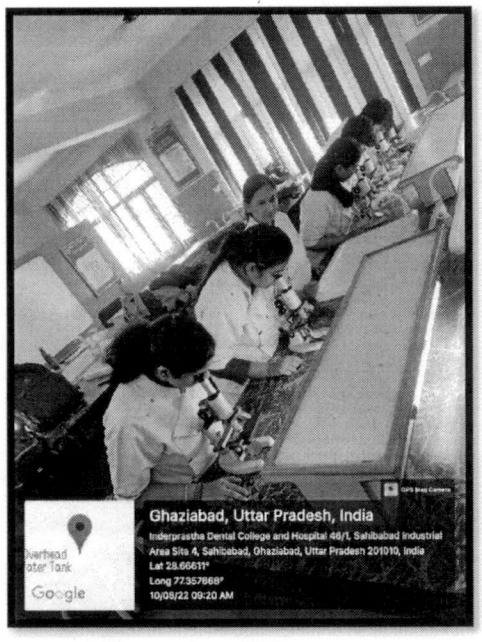


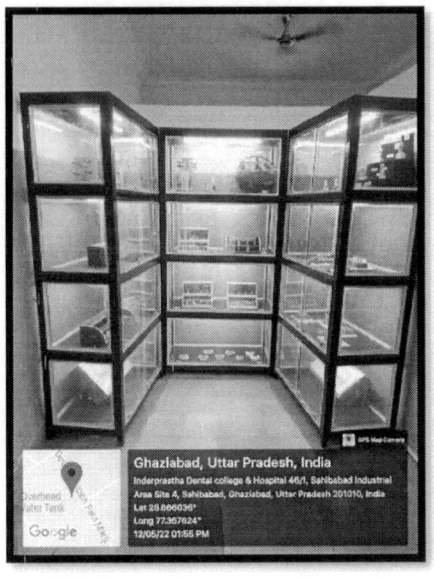


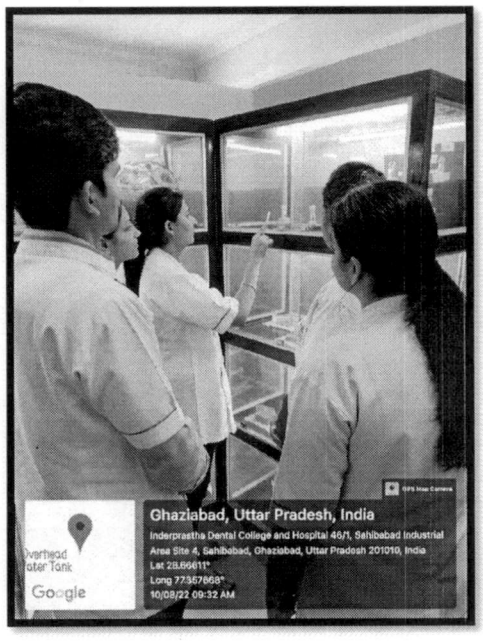


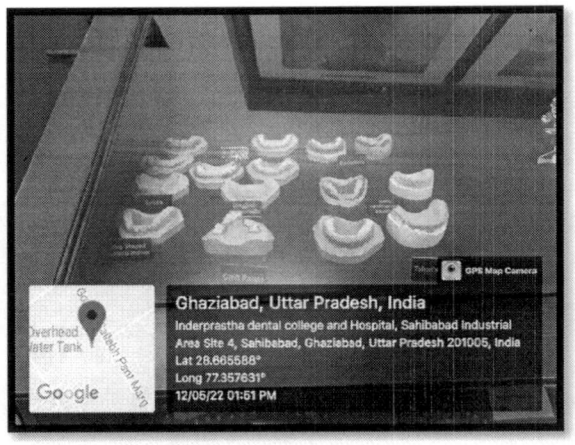
2. Binocular Microscopes & Magnus Image Projection System



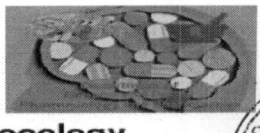
3. Monocular Microscopes







4. Museum With Tooth Carvings, Normal Histology & Pathology Models, Casts & Specimens



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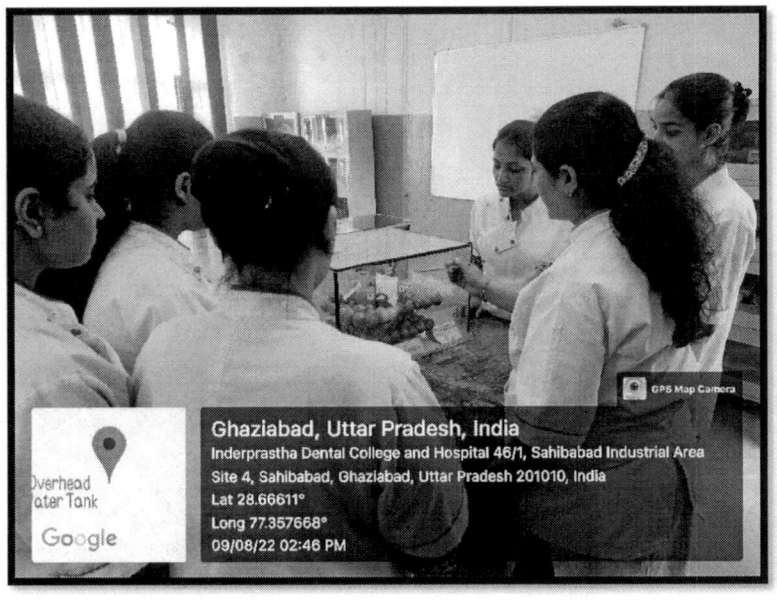
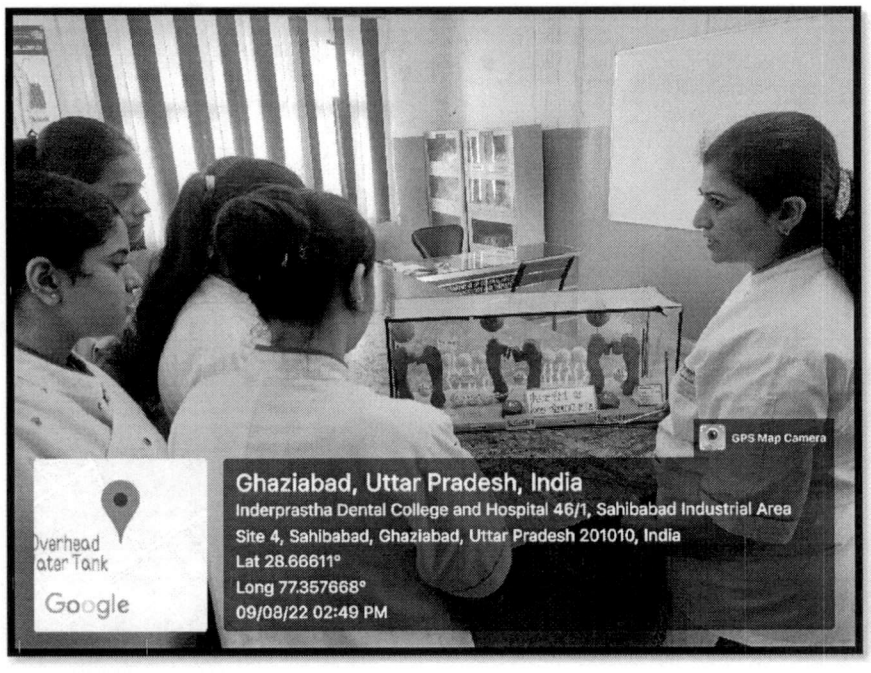


1. **Gaba Chloride Channel Complex-Model**



2. **Mechanism of Local Anaesthetic-Model**

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Department of Human Anatomy, Embryology,
Histology & Medical Genetics

1. **Model of Mediastinum and Lungs**

2. **Human Model of Region of Head &Neck Depicting Dissection of the Neck**

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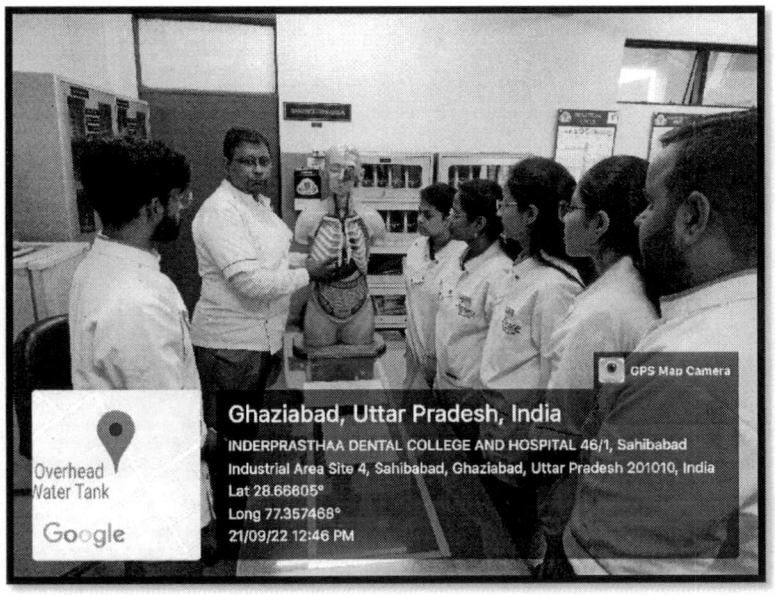
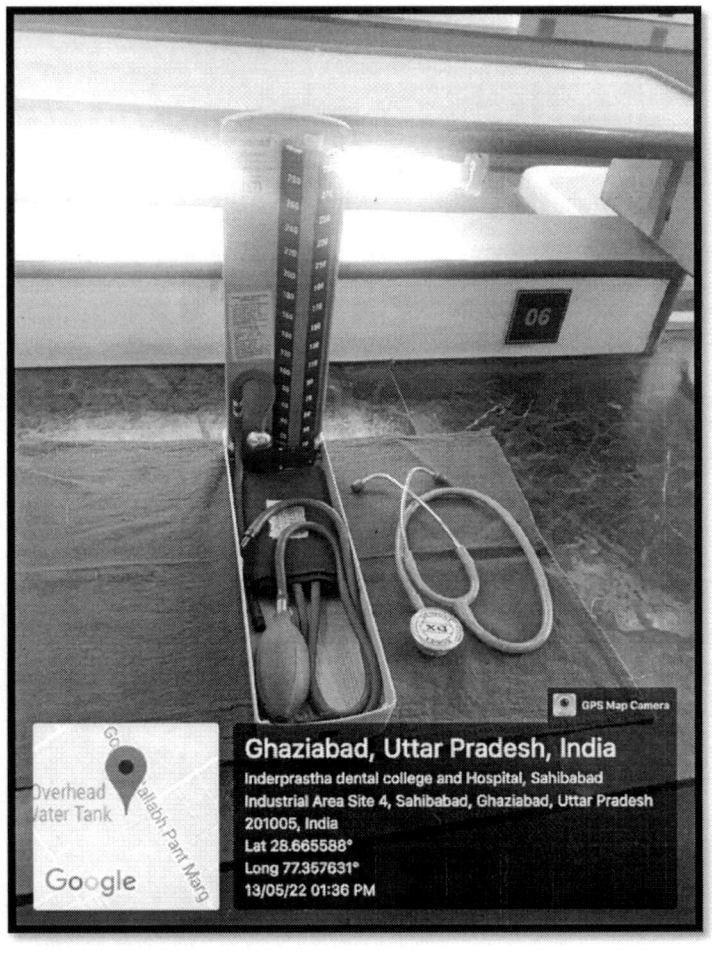


3. **Human Detachable Torso with Solid and Hollow Abdominal Viscera**

4. **Model of Human Heart**



1. Blood Pressure Measurement

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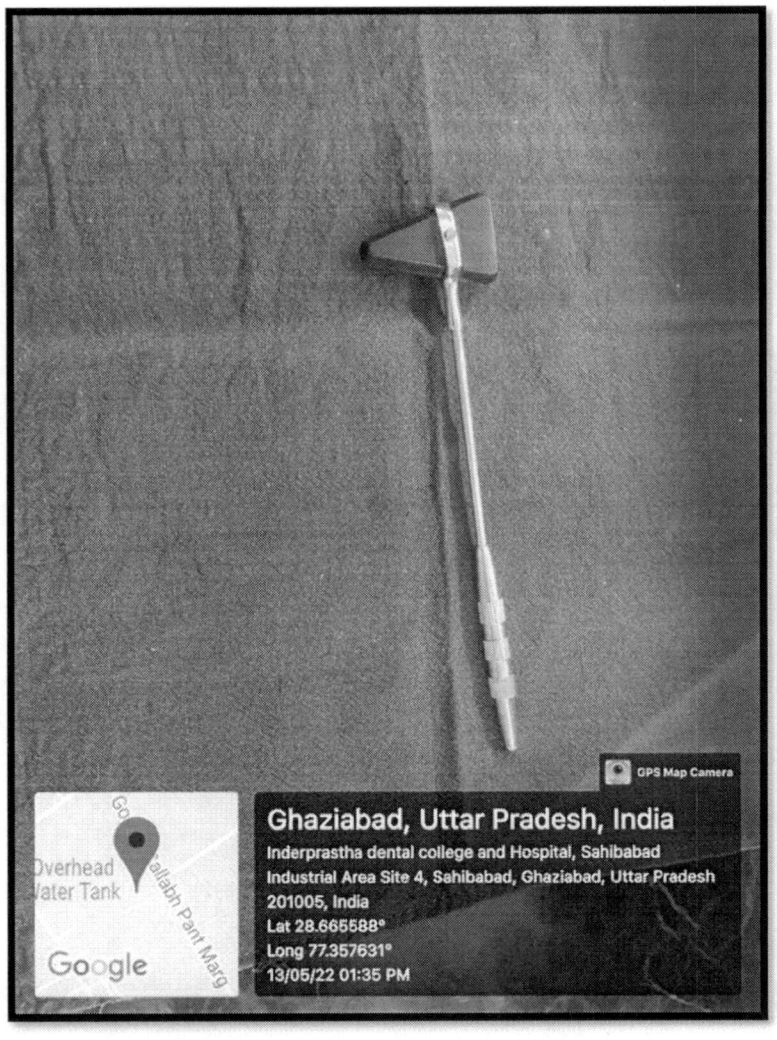
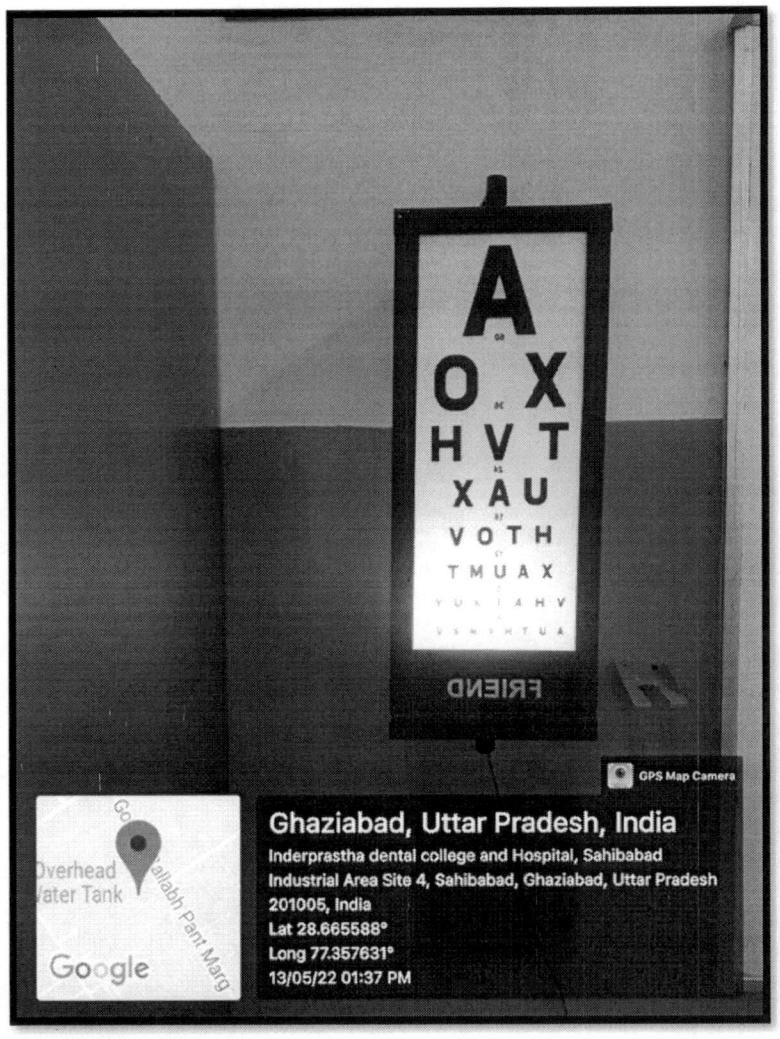


2. Knee Hammer/Patellar Hammer for Reflex Check (Basic Neuro/ Ortho).



3. Visual Acuity Check for Myopic and Hypermetropic Eye(Snellen's Chart)

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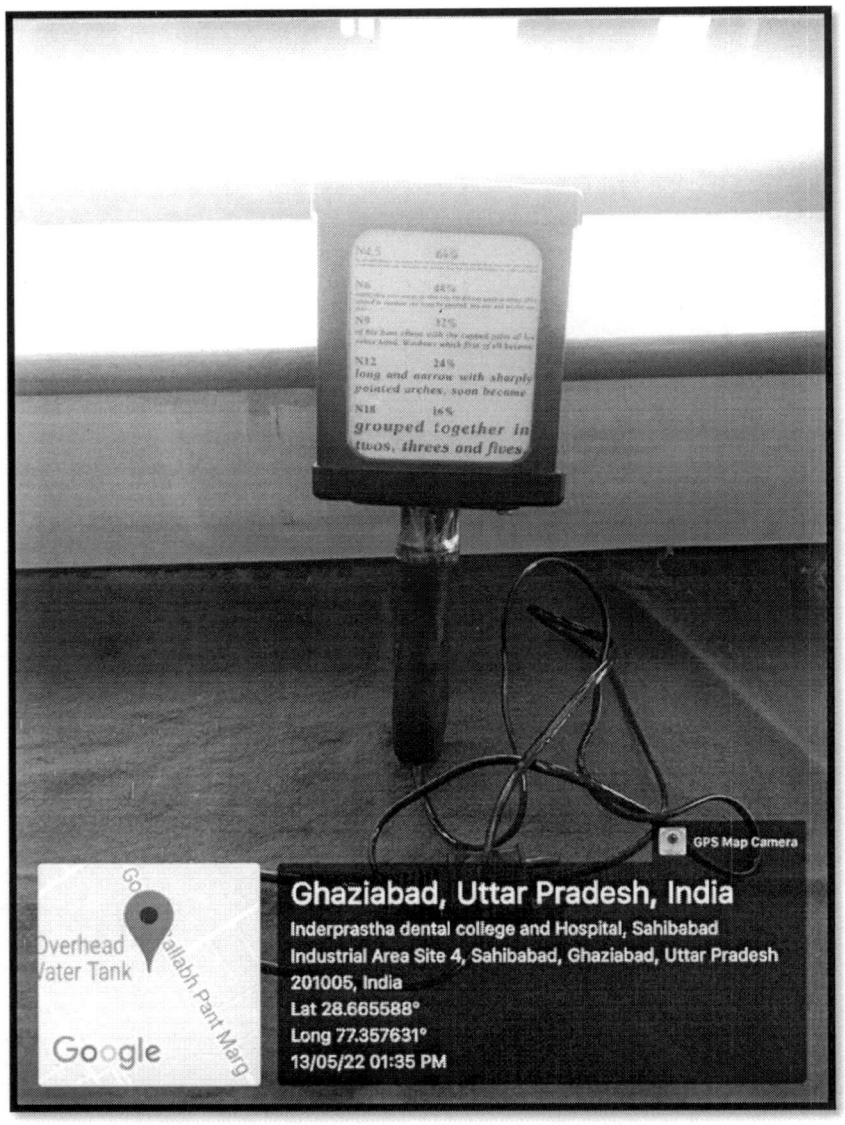
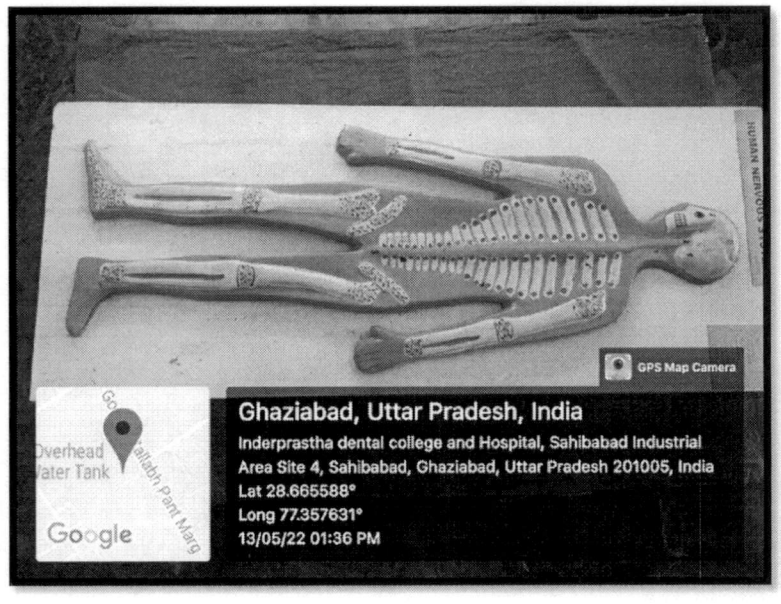
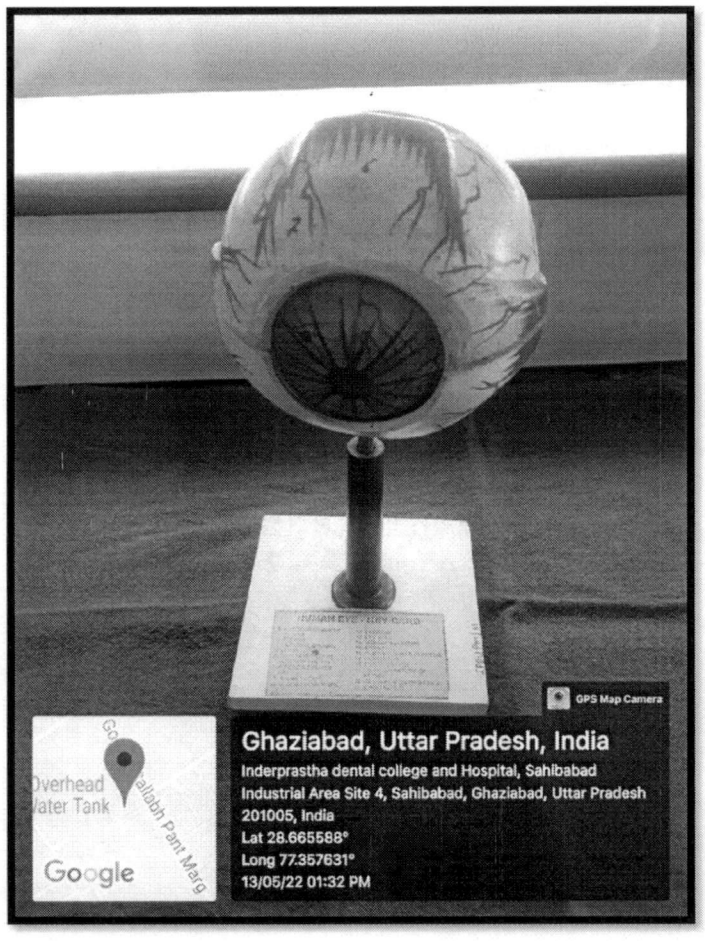


4. Visual Acuity Check for Myopic and Hypermetropic Eye (Jagger's Chart)

5. Blood Grouping Kit



6. Human Nervous System



7. Human Eye

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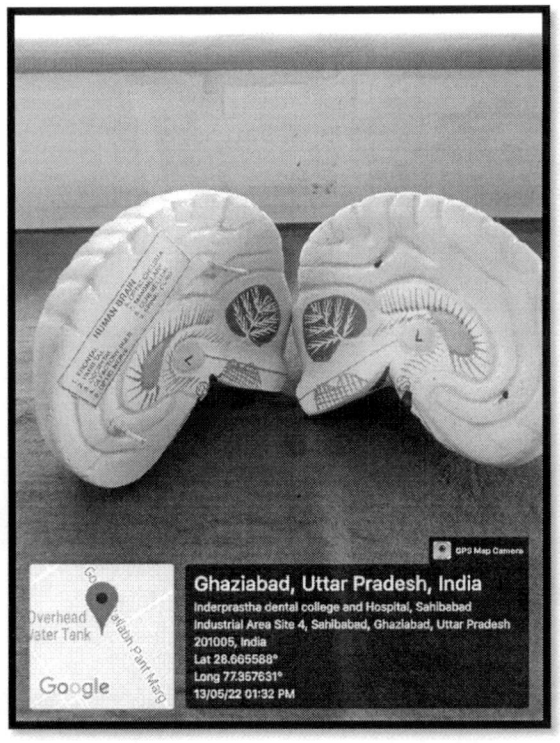
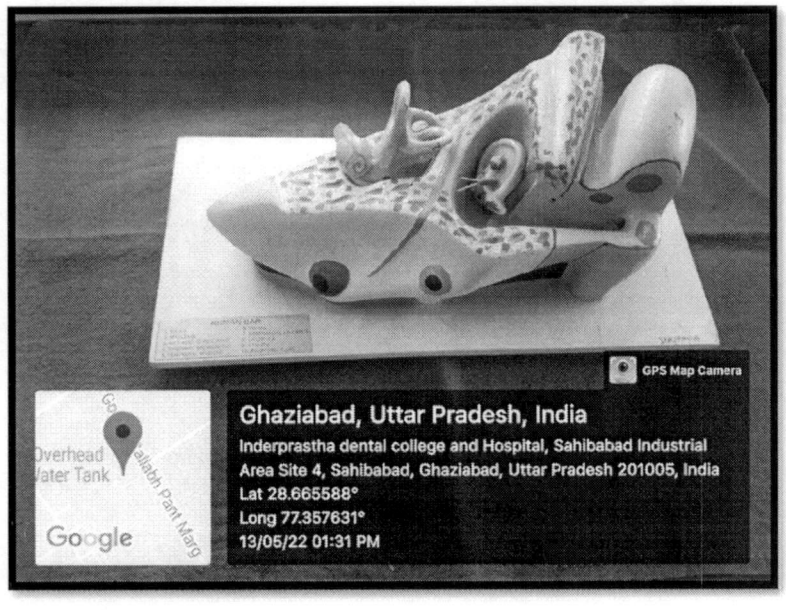


8. Human Brain



9. Human Ear

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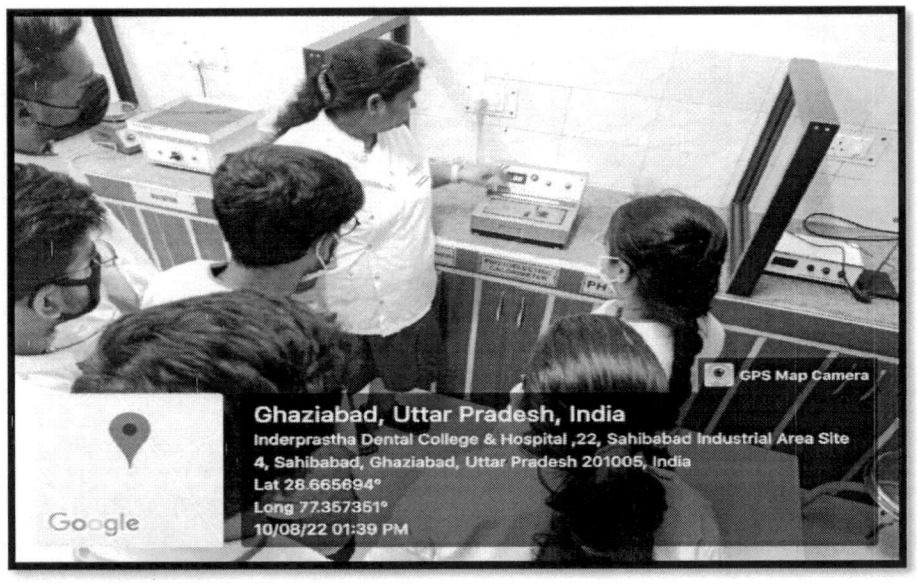
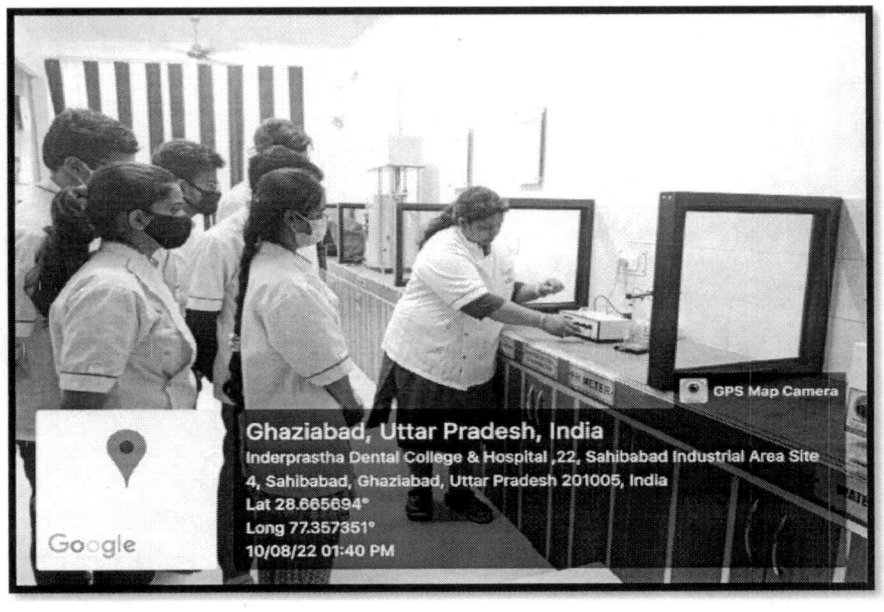
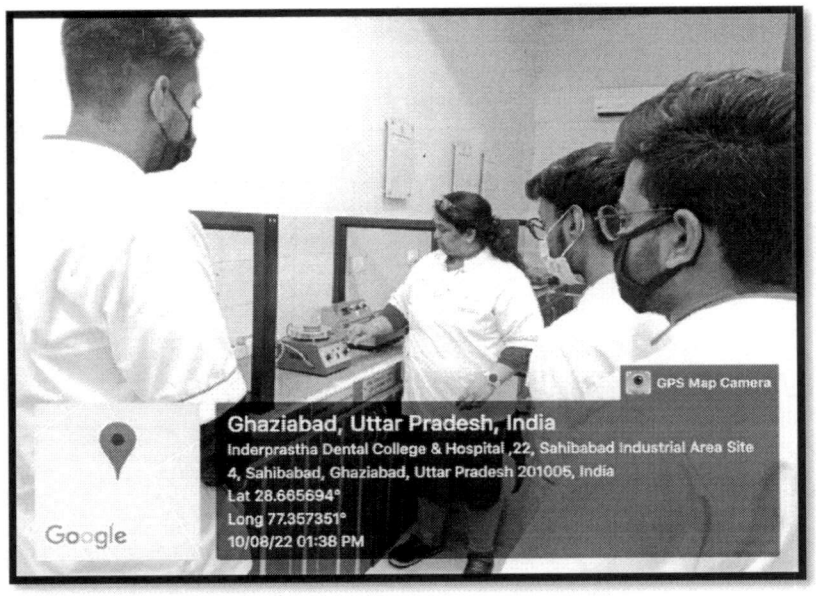
Sahibabad



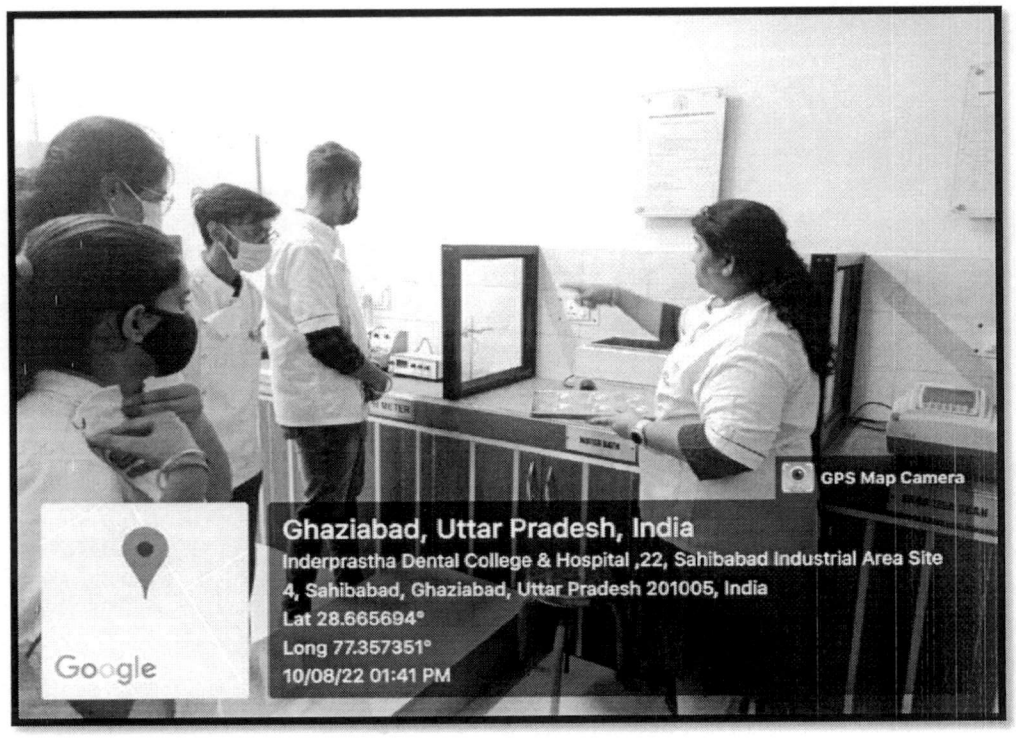
1. **Colorimeter**



2. **pH Meter**



3. Magnetic Stirrer with Hot Plate



4. Water Bath

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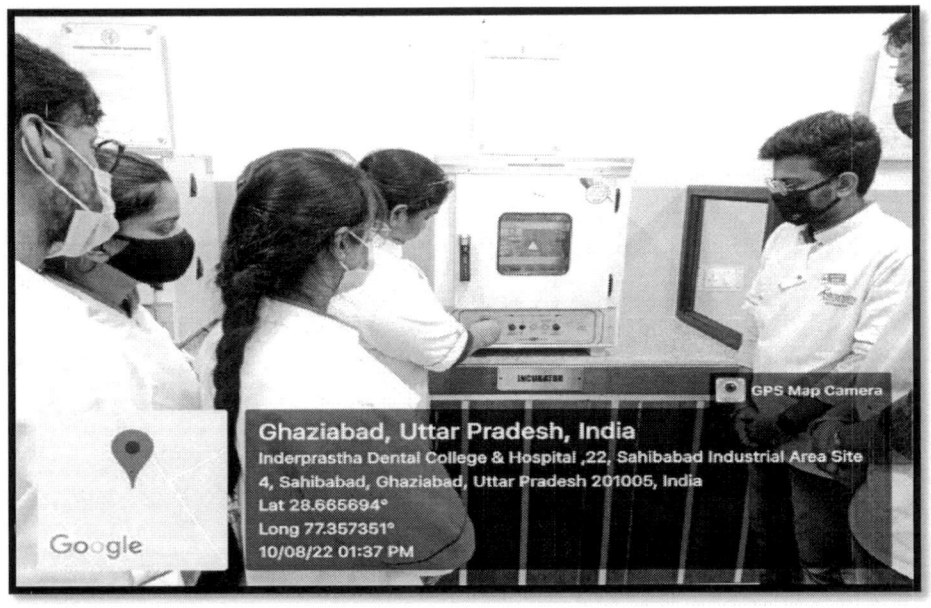
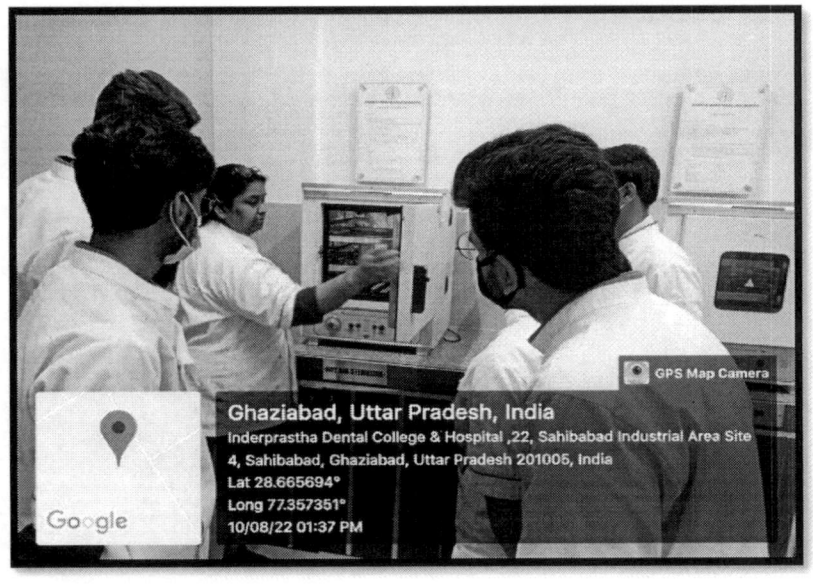


5. Incubator



6. Oven

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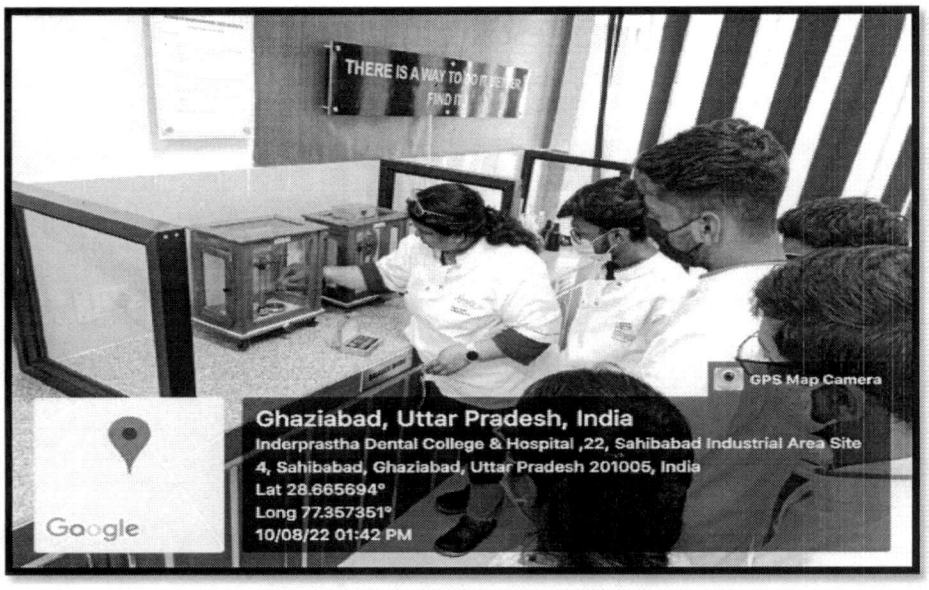
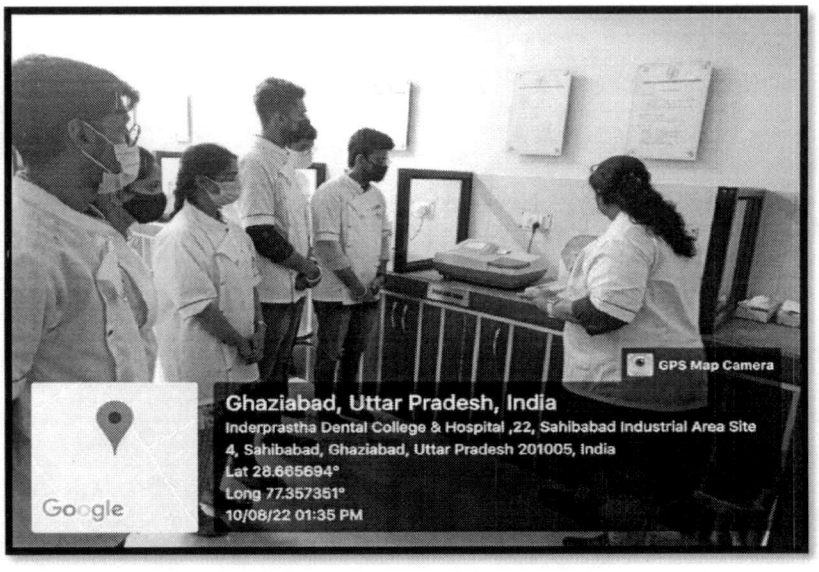


7. Physical Balance



8. ELISA

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