

2.3.2- Institution facilitates the use of Clinical Skills Laboratory / Simulation Based Learning:

LIST OF CLINICAL AND PRECLINICAL SKILLS MODELS AND REPORTS:

PRECLINICAL MODELS

The phantom head lab in Conservative dentistry trains the second year students on cavity preparation and restoration on dummy models before the clinical work on patients.

1. The Preclinical lab of Prosthodontics trains the first and second year students on making RPD and CD before they do it on patients.
2. Preclinical Phantom lab of Prosthodontics trains final year students on crown preparation.
3. Department of Oral and Maxillo-facial surgery trains the clinical students on suturing and wiring on dummy models.
4. Department of Periodontics trains the students on dummy models to get a feel of grips and rests before doing scaling on patients.
5. Department of Pedodontics trains students for space maintainers and regainers on dummy models.
6. Department of Orthodontics prepares the students for clinical work by pre-clinical exercises of wire bending and making appliances.
7. Basic Life Support courses are conducted for the third year students and certified by professional organizations and they work on mannequins in Medical College for reinforcing their knowledge.

PRE-CLINICAL LABORATORY

There are 4 preclinical laboratories which are well equipped for teaching, demonstration and for doing the procedures.

1. Preclinical Prosthodontic laboratory has more than 150 work spots which handles the first and second year students.
2. The Preclinical conservative laboratory has 60 mannequins to develop skills for performing conservative dental procedures.
3. Phantom head lab of Prosthodontics helps students in preclinical work of crown preparation. There are 60 phantom head units for the same.
4. The preclinical Lab of Oral Histology & anatomy and Oral Pathology has 30 microscopes for visualizing histology sections and also have provision for tooth carving.

PRE-CLINICAL – CONSERVATIVE DENTISTRY

The students will have to do the following exercises in Mannequin/dummy models before they work on patients

- Plaster Models-Preparation class I and extended class I and class II and MOD's and class V mounting to 10 exercises in plaster models.
 - Mounted Extracted teeth in 10 exercises in mounted extracted teeth of following class I, 4 in number class I extended cavities 2, class II 4 in number and Class V 2 in number. Cavity preparation base application matrix and wedge placement restoration with amalgam.
 - Exercises on phantom head models which includes cavity preparation base and varnish application matrix and wedge placement followed by amalgam restoration.
- a. Class I - 5
 - b. Class I with extension - 2
 - c. Class II - 10
 - d. Class II Mods - 2
 - e. Class V and III for glass ionomers
 - f. Class V for Amalgam 2
 - g. Polishing of restorations.
 - h. Demonstration of Class III and Class V cavity preparation. For composites on extracted tooth completing the restoration.
 - i. Polishing and finishing of the restoration of composites

PRE-CLINICAL – PROSTHODONTICS

- Complete denture in I BDS
- Anterior and Posterior Removable Partial denture in II BDS
- Crown preparation for anterior and posterior teeth in plaster models
- Crown preparation in mounted extracted teeth of anterior and posterior
- Crown preparation in phantom head models of anterior and posterior teeth for porcelain crowns
- Fixed partial denture exercises in mannequin & extracted natural teeth - Prosthodontics



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PRE-CLINICAL EXERCISES IN ORAL AND MAXILLOFACIAL SURGERY



Suturing Techniques Exercises



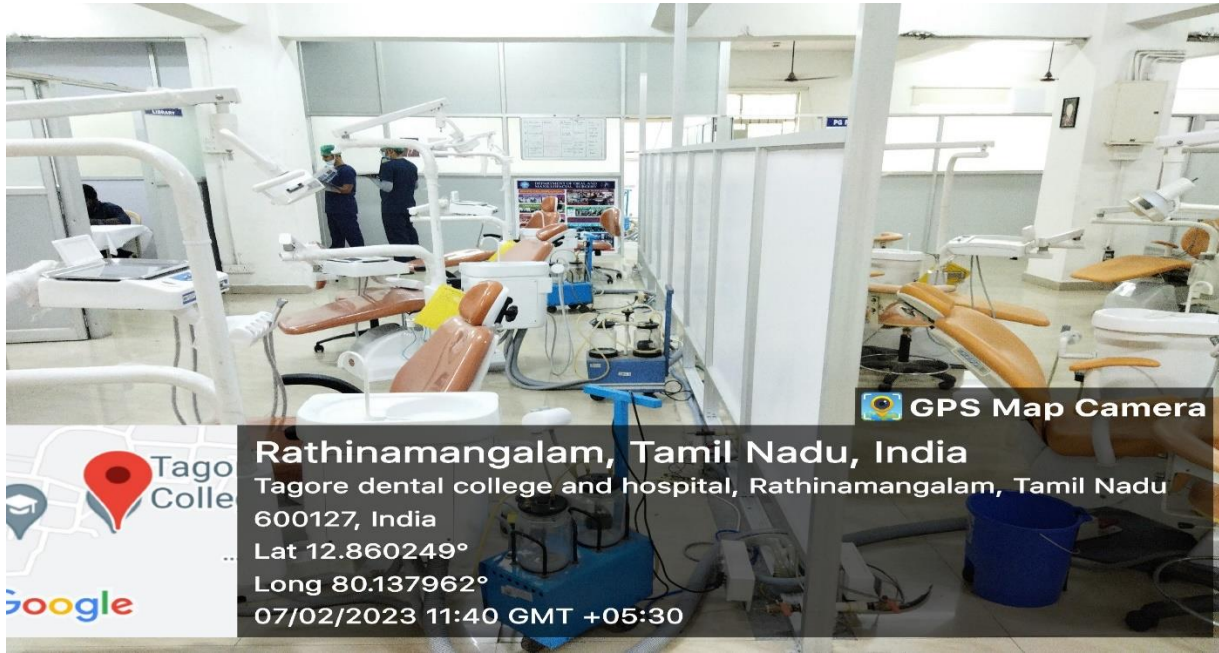
IV Simulation Exercises

Clinical Skills Lab – Department of OMFS:

U.GClinic:



P. G. Clinic:



Skilllab-P.GStudents:



Minor OT:

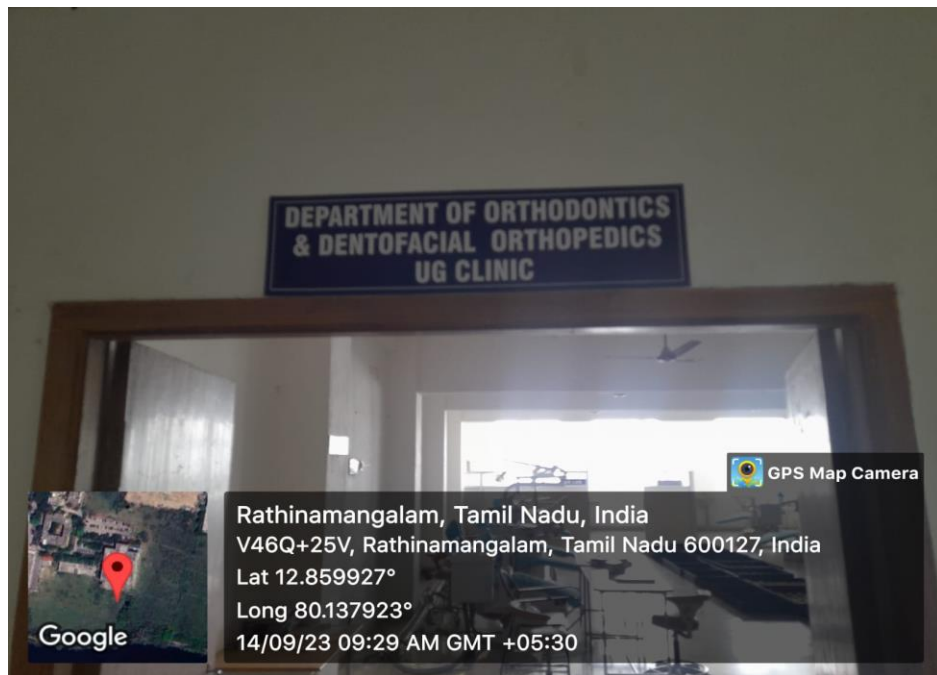


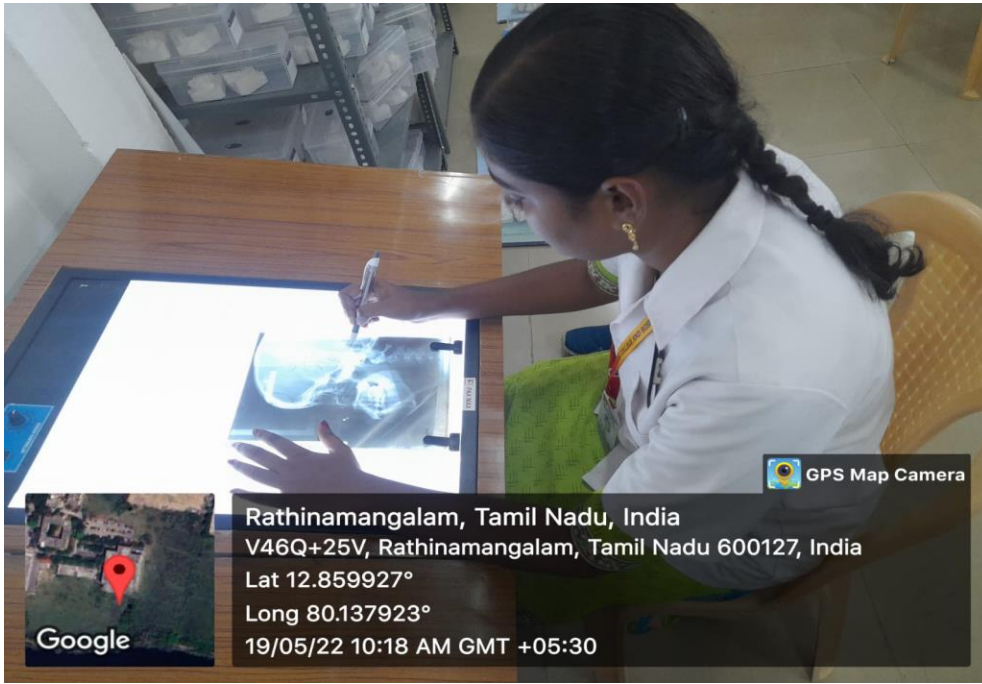
OMFS-Museum:



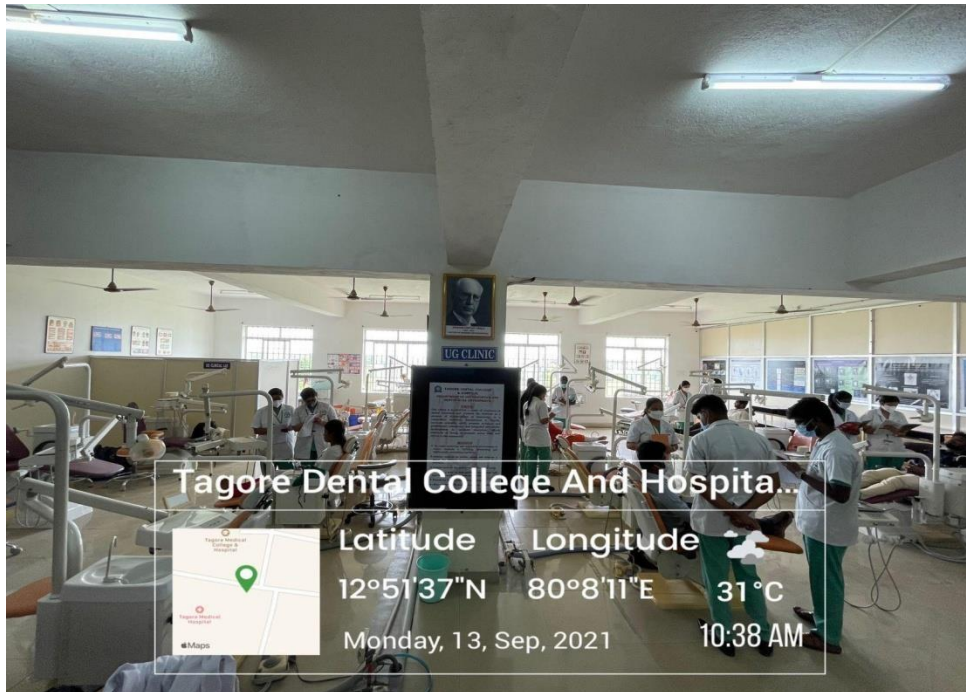
DEPARTMENT OF ORTHODONTICS

Pre-clinical for U.G:





U.GClinic:



P.GClinic:



Drylab(P.Gstudents):



Wet Lab:

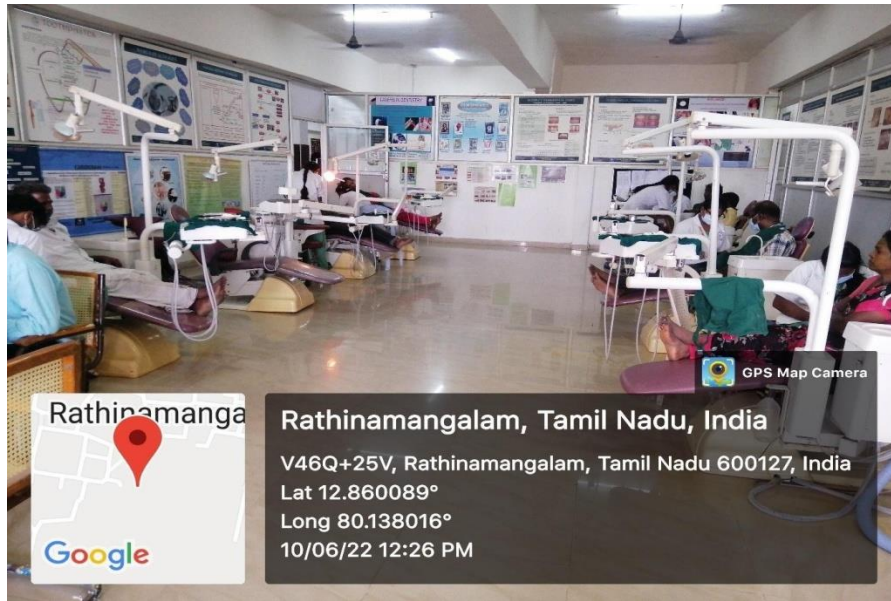


Museum:



DEPARTMENT OF PUBLIC HEALTH DENTISTRY

U.G Clinic:



Tooth Brushing Technique Exercises

PHD-Museum:



TobaccoCessationClinic:



COMMUNITYBASEDLEARNING

Practiceincommunityusing Mobile dentalvan:



CLINICAL SKILLS LAB – DEPT OF CONSERVATIVE DENTISTRY

U.GClinic:



P.GClinic:



EstheticClinic:



P.GPreclinicalLab:



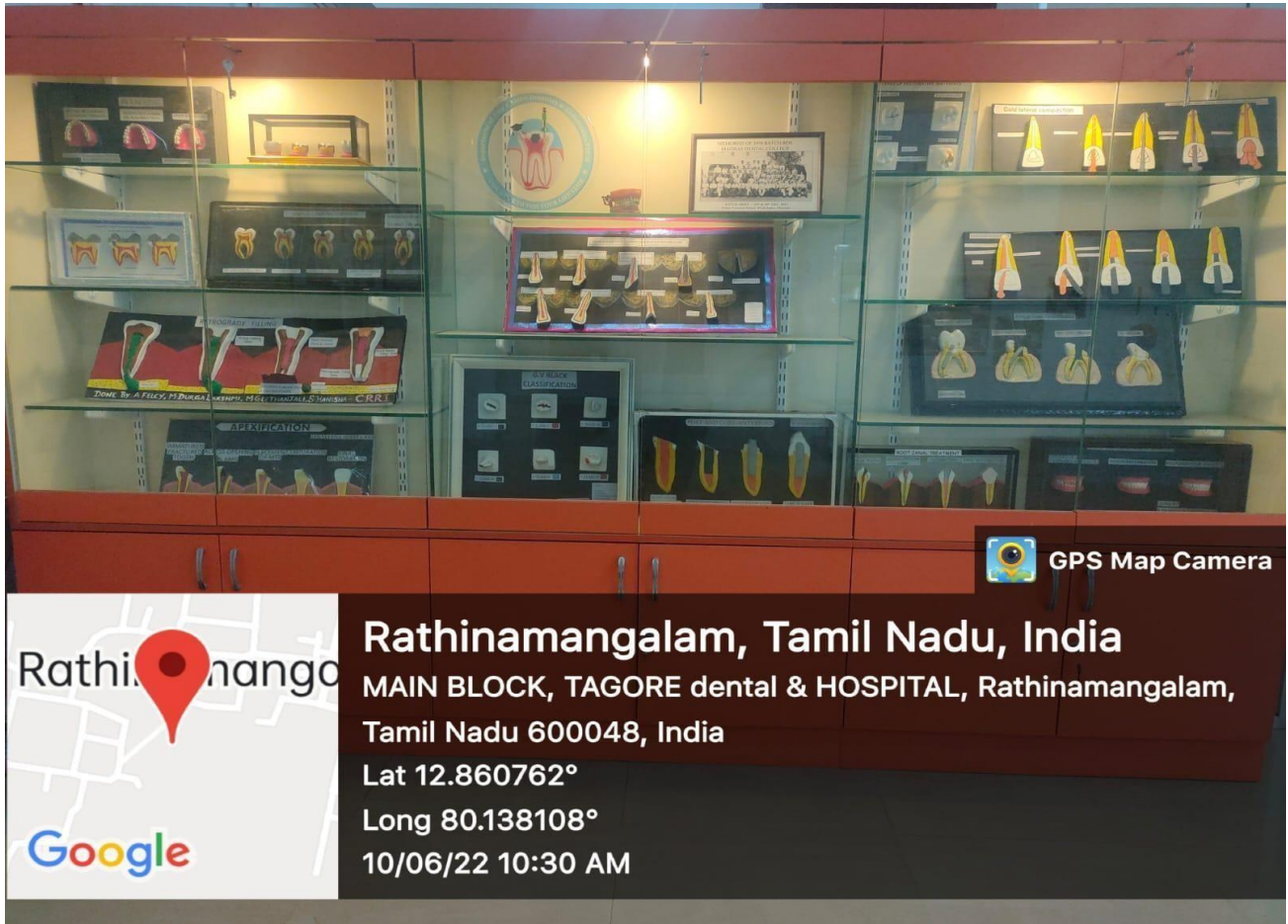
CeramicLab:



Wet Lab:



Museum:

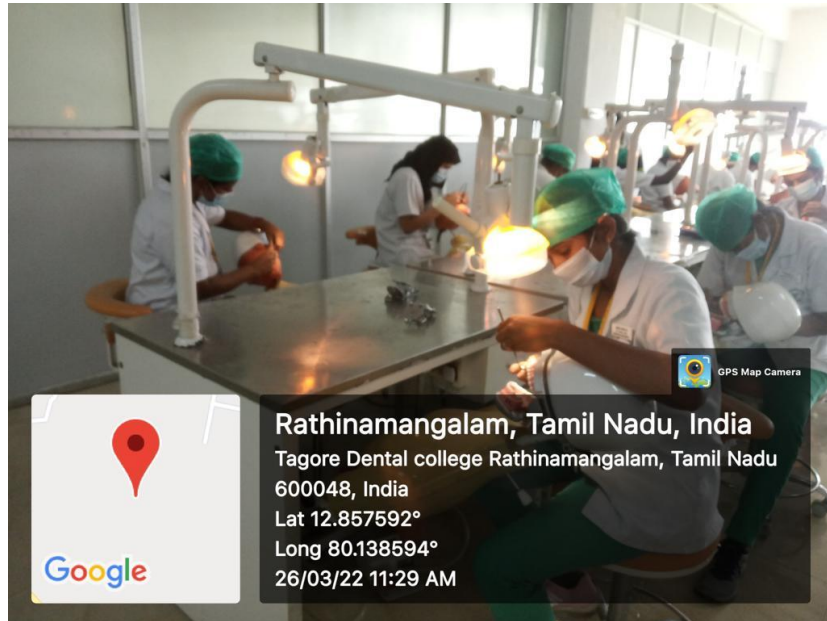


CLINICAL SKILLS LAB – DEPT OF ORAL PATHOLOGY

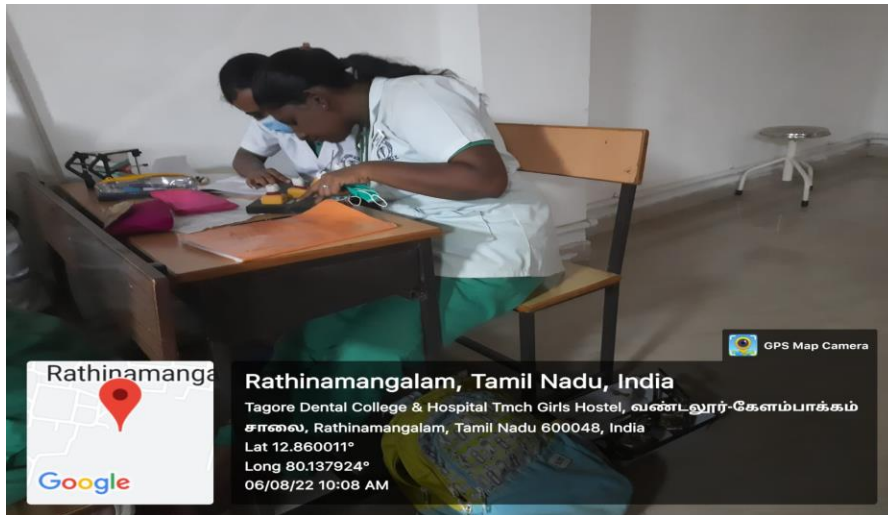
Learningthroughpractical's:



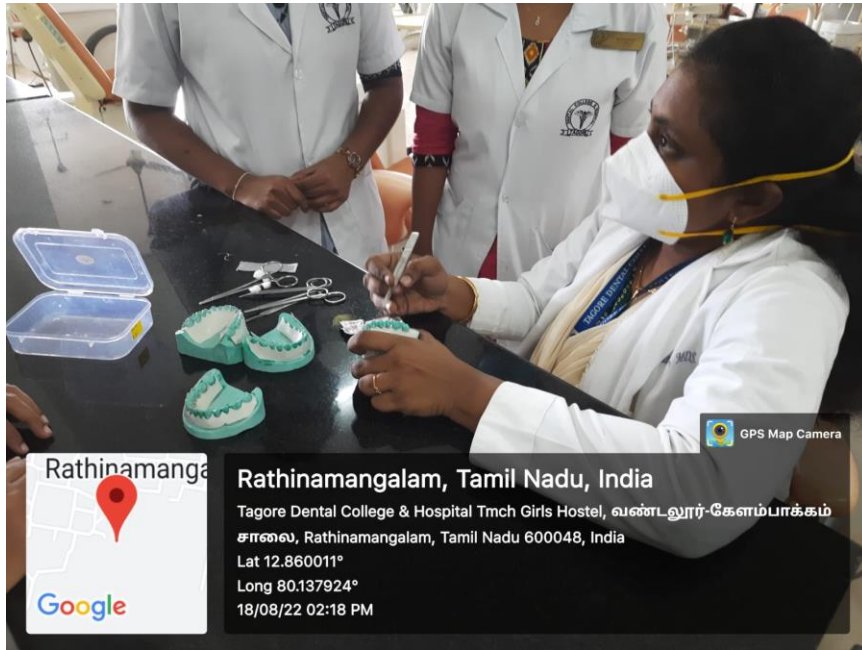
CLINICAL SKILLS LAB – DEPT OF PERIODONTICS



Pre-Scaling Hand Scaling Exercises

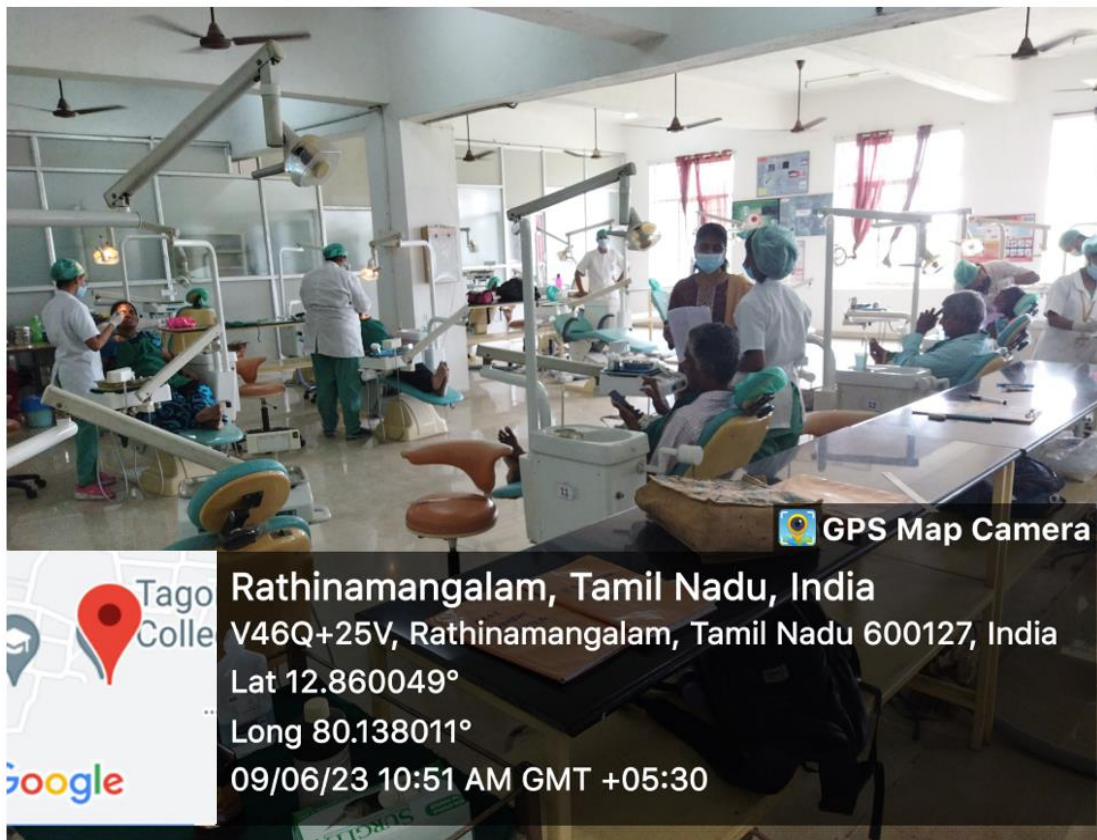


Final Year(Assement Of Bone Defects)



Pre-Clinical Assessment Of Bone Defects

U.GClinic:



Museum:



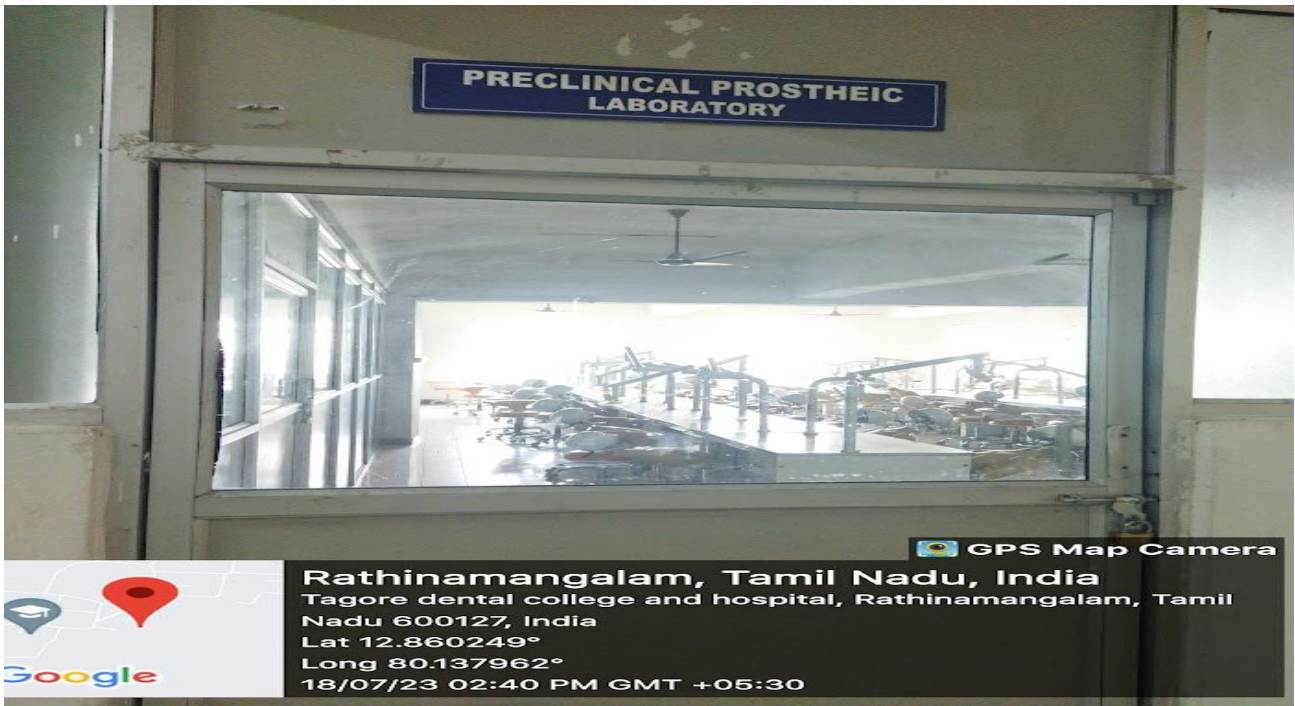
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India
Lat 12.860076°
Long 80.13796°
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GPS Map Camera

CLINICAL SKILLS LAB – DEPT OF PROSTHODONTICS



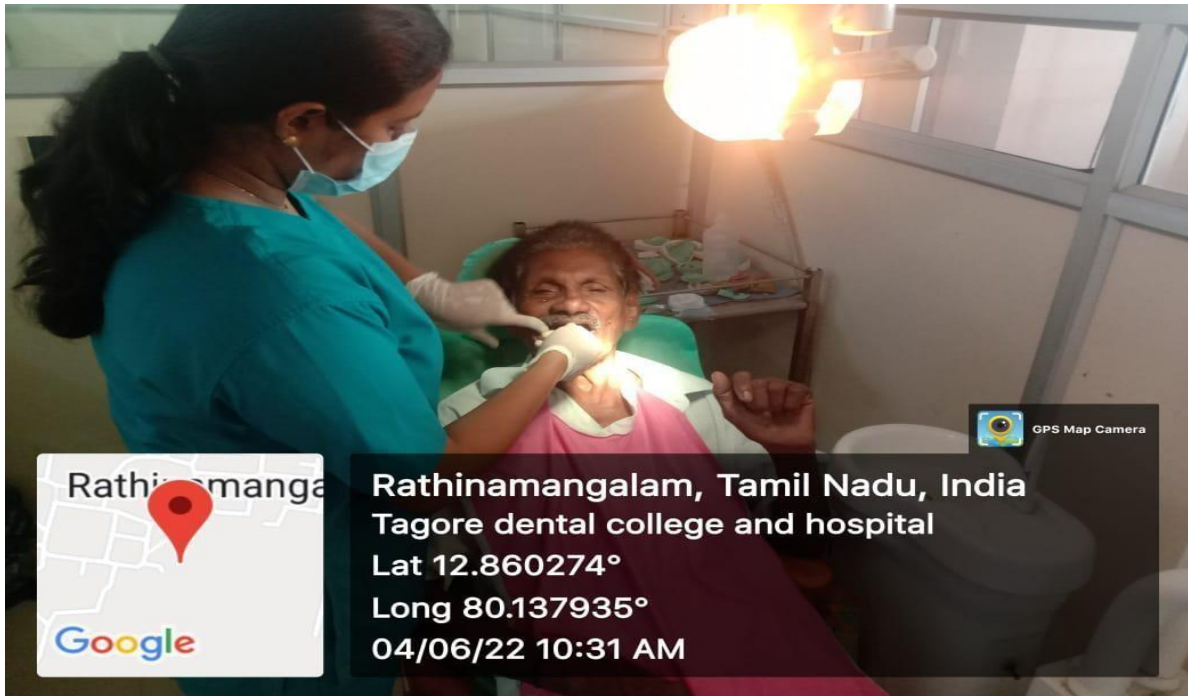
Pre-Clinical-Phantomhead:



U.GClinic:



P.GClinic:



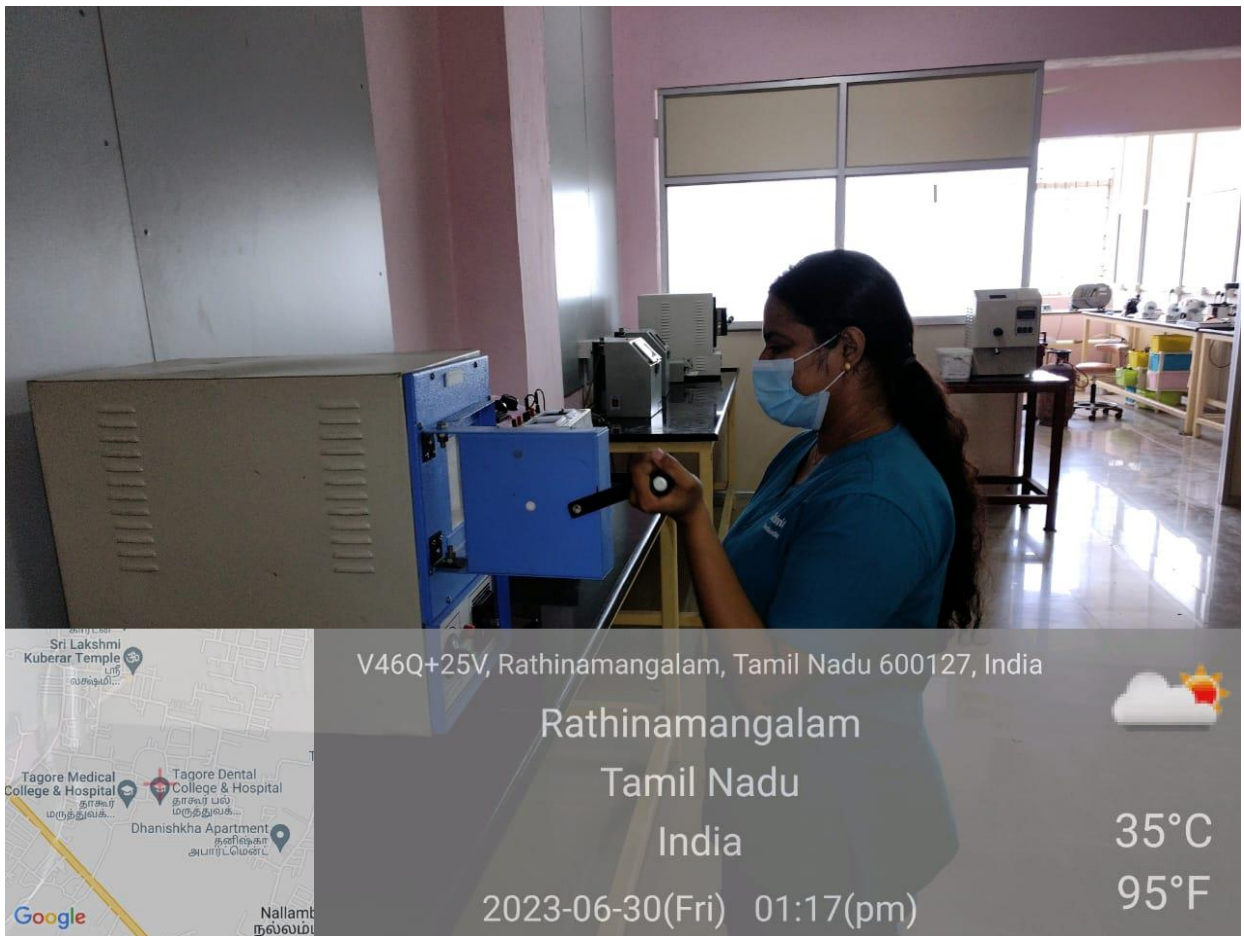
Speciality - ImplantRoom:



Pre-clinical laboratory:



DryLaboratory:



Wet Laboratory:



CeramicLab:



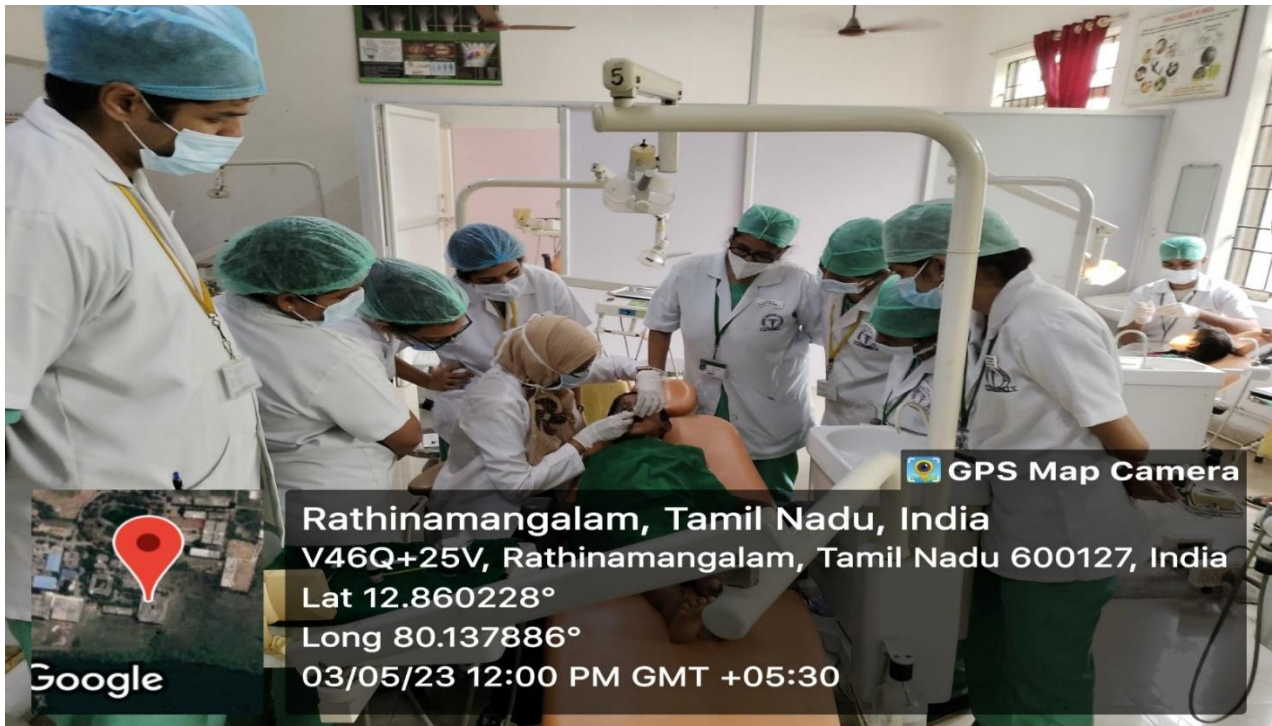
ELECTROPLATING:



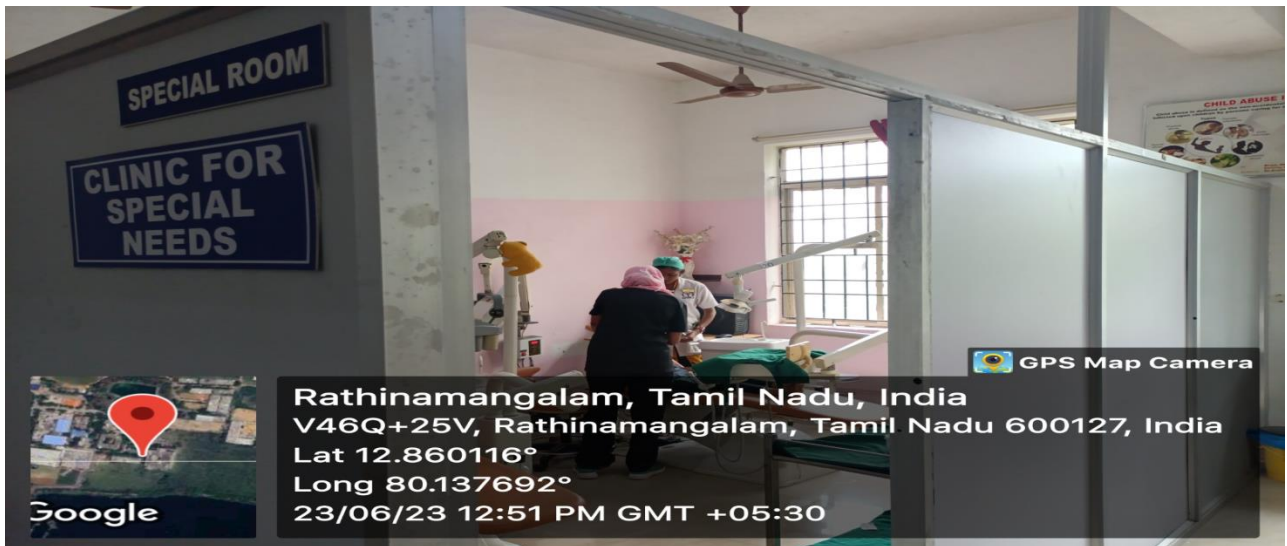
DEPARTMENT OF PEDODONTICS



U.GClinic:



U.GClinic-ClinicforSpecial needs:

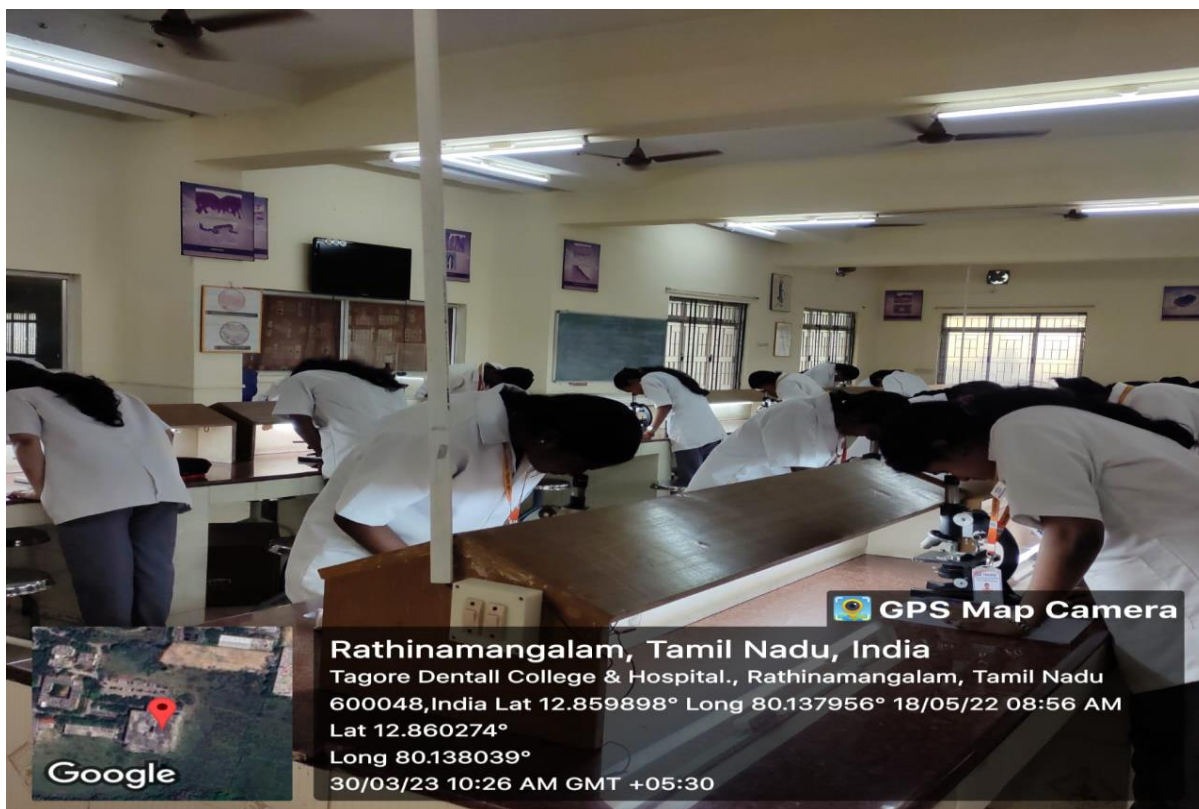


DepartmentLaboratory:



BASIC MEDICAL SUBJECTS – PRECLINICAL LABORATORY EXERCISES

Department Of Anatomy & Histology:



Department Of Physiology:



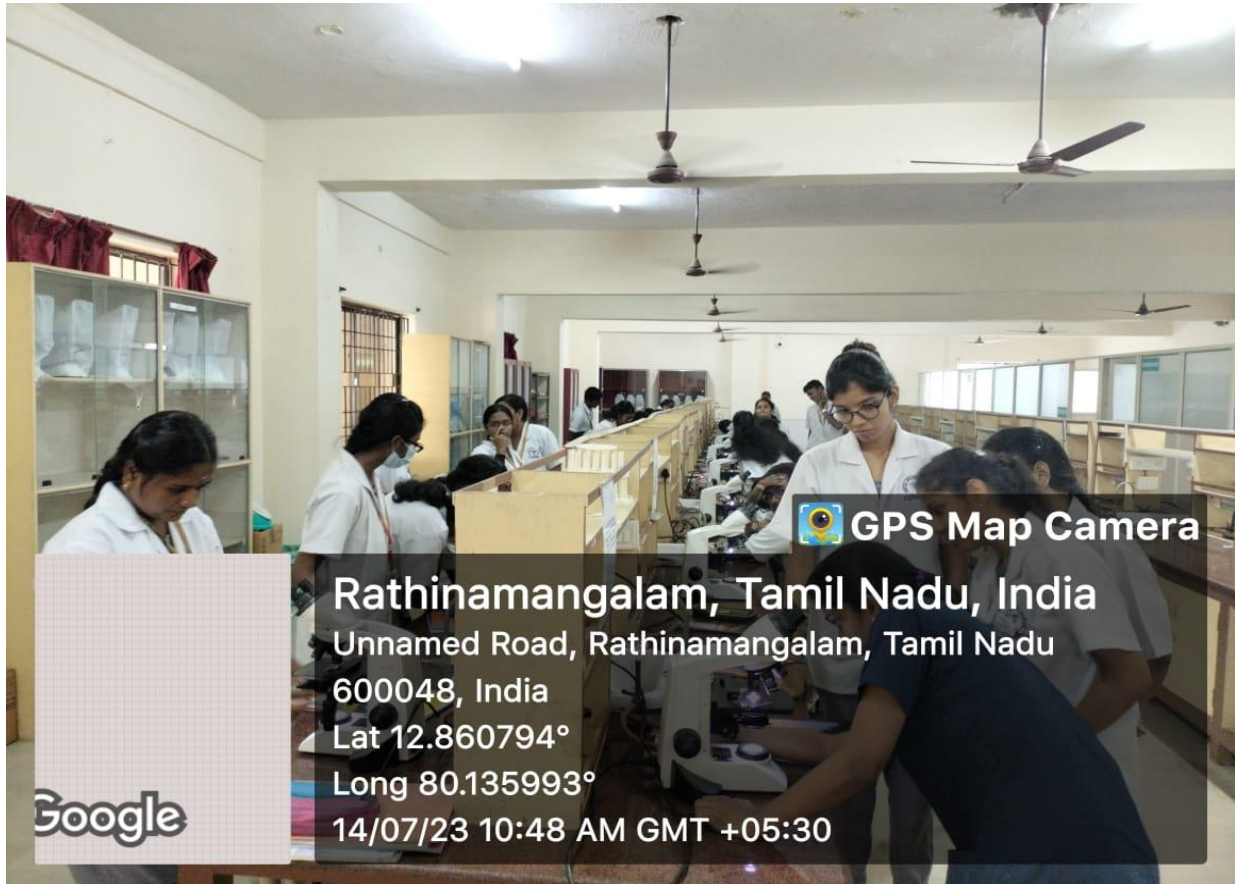
Department Of Biochemistry:



Department Of Microbiology:



Department Of Pathology:



Department Of Pharmacology:



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