

TAGORE DENTAL COLLEGE AND HOSPITAL

2.3.2 Link For Additional Information

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1.	PRECLINICAL LAB FACILITIES

THE PRECLINICAL FACILITIES

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. Pre clinical Phantom lab of Prosthodontics trains final year students on crown preparation.
3. Department of Oral & Maxillo-facial surgery trains the clinical students on suturing and wiring on dummy models.
4. Department of Periodontia trains the students on dummy models to get a feel of grips and rests before doing scaling on patients.
5. Department of Pedodontia trains students for space maintainers and regainers on dummy models.
6. Department of Orthodontia 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.

PRECLINICAL LAB

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 visualising 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 amounting 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 Class
 - d. II Mods 2
 - e. Class V and III for glass ionmers 4

- f. Class V for amalgam 2
- g. 6. Polishing of above restorations.
- h. 7. 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.

5. 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