



College of Dental Sciences & Research Centre

Maa Kamla Charitable Trust

The Institution ensures adequate training for students in pre-clinical skills

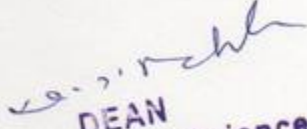
The objectives of the Preclinical training is to introduce the students to laboratory and clinical procedures involved in dentistry in a simulated environment.

State of the art pre-clinical labs are provided for training. These labs are **Simulation Centers**. 1st & 2nd year dental students practice psychomotor skills required in dentistry performing procedures on simulated mannequins prior to performing these procedures on patients in clinics in 3rd year.

Our institution provides state of the art facilities in the preclinical laboratories. The preclinical laboratory for **Prosthodontics** has a seating capacity of 144 with individual Bunsen burner. The laboratory is equipped with Lathe, Model trimmer and Study models in the dry lab while the wet lab has Acrylizer, de-waxing unit and water heater. Preclinical prosthodontics curriculum is devised to introduce students in the laboratory wherein they learn fabrication of complete dentures, removable partial dentures and fabrication of various trays. The students are taught to manipulate various dental materials in the same laboratory.

With a seating capacity for one hundred students and 60 phantom heads, pre-clinical laboratory at **Conservative Dentistry and Endodontics** encourages to learn about at the clinical work on models. The laboratory is equipped with a simulator to help students understand better. Apart from the routine Typhodont exercise, the students are trained for cavity preparation in the natural teeth that the students are sufficiently equipped for taking up patients in the clinical section. Students are also trained for inlay wax pattern taking, access opening, bio mechanical preparation and obturation in natural teeth.

Preclinical laboratory at **Orthodontics** has a seating capacity for 100 students to perform all basic wire bending exercises. At the department of **Paediatric and Preventive Dentistry**, the preclinical laboratory can seat eight students at a time. It is equipped with model trimmers, lathe plaster dispenser and vibrator and micro motors


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