

4.2.1 Teaching Hospital, equipment, clinical teaching-learning and laboratory facilities are as stipulated by the respective Regulatory Bodies

Response:

The infrastructural facilities available for training the undergraduate and post-graduate students are in accordance with the regulations formulated by the Dental Council of India (DCI). The clinical/laboratory/academic space is allocated based on the DCI regulations. The clinical training facilities are continuously updated to ensure that students are provided with the state of art facilities. The governing council is keen to provide an excellent academic environment for around 572 students with 105 highly competent teaching faculties.

The infrastructure contains teaching and learning facilities that include Smart Classrooms, Specialized Laboratories, Discussion halls and a well-stacked library. Each speciality has an outpatient dental clinical facility equipped with electronic dental chairs. 291 electronic chairs are installed in the institution, 4 dental chairs are installed in the satellite clinic, which cater to the needs of the surrounding rural population and 1 dental chair is installed in the mobile dental van for the outreach community services intended to improve accessibility to quality dental healthcare. Out of the total dental chair 2 dental chairs are installed in the Implant clinic specially dedicated for implant work and 1 chair is in special clinic where a patient requiring multiple speciality involvement is treated.

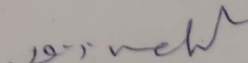
The dental hospital has a fully equipped operation theatre complex to perform major and minor surgeries, furnished with 5 ICU beds. The 100 bedded general wards with separate male and female wings are available to accommodate the inpatients. The Hospital is equipped with some quality equipments like Ventilator, Defibrillator and Cautery.

The clinical departments are complemented with Radio-Visio graphs (RVG's) as necessitated to minimize the radiation exposure to both patients and clinicians. The Department of Oral Medicine And Radiology is equipped with TENS machine, panoramic imaging (OPG) and dental Cone Beam Computed Tomography (CBCT) to provide advanced diagnostics. There is a Pentahead microscope to facilitate multiple students learning in the Oral Pathology department.

The Oral and Maxillofacial surgery department is well equipped with LASERS, Surgical Loupes, Surgical Microscope with microsurgical kit and Piezoelectric facilities for the advance learning of the post-graduate students.

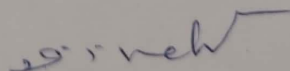
Clinical laboratory services are available for the patients at nominal costs to carryout haematological investigations as an aid in diagnosis. Department of Prosthodontics have Acrylic and Ceramic Laboratories with the cutting edge equipments. The Microscope facility in the Department of Conservative dentistry is exclusive and specialized as necessitated. The Department of Periodontology is well equipped with multiple Implant surgical kits, Ultrasonic scalers and a blood centrifugating machine.

We follow the Dental Council of India (DCI) and Gujarat University guidelines for various clinical teaching-learning programs that are included in curriculum which includes hands on demonstrations, webinars of various clinical procedures. Many departments have pre-clinical teaching laboratory where students work on mannequins or Typodonts to develop their motor


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skills and orientation preclinically to render best possible clinical outcomes in practice. Further, special attention is provided to the students with different learning abilities by guiding them to do extra work which enables them to gain the required confidence to proceed with the routine clinical work.



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Laboratories (Dental subjects)	Area
Pre-clinical Prosthodontics and dental material lab	2100 sq ft.
Pre-clinical Conservative lab	1200 sq ft.
Oral biology and oral pathology lab	400 sq ft.
Laboratory for orthodontics and Pedodontics	302+404 sq ft. 706 sq ft. in total
Laboratories (Medical Subjects) (only for independent Colleges)	
Anatomy dissection hall with storage for cadavers osteology, demonstration room etc.	
One laboratory for physiology and pathology and microbiology with stores and preparation rooms for individual subjects attached to it.	2237+2315 sq ft.
Laboratory for biochemistry and pharmacology with stores and preparation rooms separately for both subject.	1793+179 sq ft.
Prosthodontics	4600 sq ft.
Conservative Dentistry	3000 sq ft.
Oral pathology for histopathology	200sq ft.
Haematology and clinical biochemistry	60 sq ft.

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