



## ARMY COLLEGE OF DENTAL SCIENCES

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NAAC Accredited 'A' & Certified ISO 9001 : 2015 & ISO 14001 : 2015

**The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc**

As part of the vision of the college, the college provides state-of-the-art learning and teaching facilities that extend beyond the requirements of the statutory body and the affiliated university. On average, a budget of approximately Rs 48 lakhs is earmarked for infrastructure augmentation every year.

### **Classrooms & Seminar halls:**

All classrooms are ICT-enabled with installed computers, smart boards, LCD projectors, and high-speed Wi-Fi internet connectivity so that students can access the course lectures within the learning space. Well-equipped seminar halls for each post-graduate specialty with similar ICT aids are provided for optimum learning experiences.

### **Laboratories:**

#### **Primary Simulation Facilities:**

The Institution has well-equipped facilities to focus on primary skill development with life-like simulation devices. The simulation facilities are mentioned below.

- Cadaver dissection laboratory provides a real-life experience for the students to understand human anatomy and to enhance their practical skills
- Histology and pathology labs have a research microscope attached to an LCD monitor for facilitating the learning of precise microscopic details.
- There are 37 Phantom heads in pre-clinical prosthodontics and 41 in pre-clinical conservative dentistry to help the students learn the process of tooth preparation and restoration, crown preparation, etc. in addition to other complexities in a simulated clinical environment and act as partial task trainers for the experience of clinical practice.

#### **Advanced Simulation Facilities:**

- Advanced simulation surgical skills laboratory which improves the tactile sensitivity & haptic feedback mimicking real-life situations for postgraduates

- Basic Life support training facility with mannequins and trained faculty.

### **Facilities for Clinical Learning:**

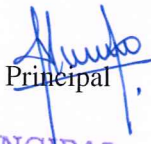
Clinical training facilities at ACDS are continually updated to ensure the most up-to-date dental care procedures are delivered. The Institute has an effective single point of patient care with the following comprehensive dental care facilities for clinical learning.

- Digital dental radiography with both intraoral and extra-oral techniques like IOPA, OPG, Radiovisiography, Cone-beam Computerized Tomography (CBCT) & portable digital dental X-ray units, facilitates student learning from single to three dimensions.
- CBCT machine helps understand oral diseases, helps in virtual planning in implant dentistry and understanding the complex anatomy of root canals, etc. in a 3-dimensional perspective
- The intraoral scanner is available for treatment planning and better visualization in the fields of orthodontics and prosthodontics.
- Latest advanced dental operating microscopes, surgical loupes, soft-tissue lasers, stereo microscope, flexible denture fabricating machine, and milling machine are available in addition to stipulated advanced equipment as per DCI norms.
- The Institution has 3 fully equipped implant kits in the department of periodontics, prosthodontics, and the department of oral surgery.
- A conscious sedation unit is available in the department of pediatric dentistry.

### **Computing equipment:**

- Wi-Fi-enabled high speed 600 MBPS dedicated broadband internet availability within the campus with computers, scanners, printers, and other accessories for effective teaching and learning process.
- The learning module system (LMS) in ACDS helps in the administration, documentation, automation, and delivery of educational courses, training programs, and educational programs to the students and faculty.



  
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