



ARMY COLLEGE OF DENTAL SCIENCES

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

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

ACDS has the necessary infrastructure for teaching and learning, including ICT-enabled lecture halls, seminar halls, specialized laboratories, and primary and advanced simulation spaces for students.

Teaching Hospital: To improve student learning we have small group teaching and have 4 Lecture galleries for classroom teaching. These Galleries are ICT enabled and are replete with Smart-boards, LCD projectors, audiovisual aids, and high-speed Wi-Fi broadband internet connectivity which help the students to improve their critical thinking and solve complex clinical problems. The institution has adopted E-learning facilities and has digital repositories for uploading lectures and course materials. During the time of COVID-19 Pandemic, students continued learning through online classes through zoom meetings and assignments given through google classroom.

Equipment in Teaching Hospital: Most of clinical dental departments have the latest digital radiographic facilities like Radio-Visio Graphs (RVs). They help in reducing radiation exposure to both patients as well as doctors. The department of oral medicine and radiology is equipped with a CBCT machine and digital OPG machine to take the various views of the head and neck region. The institution has about 14 light Microscopes, a Research microscope with phase-contrast and dark-field attachments, and also a camera attachment with a TV monitor projection facility.

For the placement of various implants, the institution has 3 surgical Implant Kits, to visualize the area of operation better the institution uses Dental loupes and it has 2 soft tissue Laser Units to carry out a variety of surgical procedures. A PRP centrifugation unit which helps in harnessing the concentrate platelets, a stereomicroscope to provide a 3-dimensional view of the specimen, Sandblasting units, Nitrous oxide portable sedation unit, 2 Portable digital x-ray units, Ultrasonic cleaners, Milling machine, Bleaching unit, chair-side micro-abrasion, Face bow with semi-adjustable articulator, Liga jet pressurized local anesthesia

syringe, 2 Operating endodontic microscopes, Optrasculpt, Vista scan device, and an intraoral scanner is used for digital impression taking & modeling.

Clinical Teaching Learning: The teaching facilities which are available in the college for both undergraduate and postgraduate are according to the norms of the statutory body, Dental Council of India. Each clinical specialty department in the institution has an outpatient dental treatment facility equipped with electronic dental chairs connected to a centralized suction unit. The dental hospital provides inpatient services to patients who are undergoing surgical procedures under general anesthesia. The department of oral and maxillofacial surgery has a major and a minor surgical theater for complex or complicated surgical procedures. A 10 bedded general ward with separate male and female wings is available for post-operative care.


Laboratory Facilities: ACDS has 24 pre-clinical laboratories for undergraduate as well as postgraduate training in various specialties and 1 clinical pathology cum biochemistry laboratory service for the patient at nominal costs to carry out hematological investigations as an aid in diagnosis.

List of Facilities as per DCI Requirements

| SI no. | Dept | Facility | Reqd no. As per DCI | Availability |
|--------|--|--|---------------------|--------------|
| 1 | Department of Conservative Dentistry & Endodontics | Dental chair – UG clinic | 17 | 20 |
| | | Dental chair – PG clinic | 11 | 12 |
| | | Pre-clinical Conservative Dentistry Phantom Laboratory | 01 | 01 |
| | | RVG Facility | 01 | 01 |
| | | Plaster Room | 01 | 01 |
| | | Casting Laboratory | 01 | 01 |
| | | Seminar Room | 01 | 01 |
| | | | | |
| 2 | Department of Periodontology | Dental chair – UG clinic | 17 | 17 |
| | | Dental chair – PG clinic | 11 | 11 |
| | | Periodontics Preclinical Laboratory | 01 | 01 |
| | | RVG Facility | 01 | 01 |
| | | Seminar Room | | |
| 3 | Department of Orthodontics & Dentofacial Orthopedics | Dental chair – UG clinic | 9 | 9 |
| | | Dental chair – PG clinic | 8 | 9 |
| | | Orthodontics Pre-clinical Laboratory | 01 | 01 |
| | | PG Laboratory | 01 | 01 |
| | | Cephalometrics Room | 01 | 01 |
| | | Computer & Treatment | 01 | 01 |

| | | | | |
|---|---|--|----|----|
| | | Simulation Room | | |
| | | Photography Room | 01 | 01 |
| | | Seminar Room | 01 | 01 |
| 4 | Department of Paedodontics and Preventive Dentistry | Dental chair – UG clinic | 10 | 10 |
| | | Dental chair – PG clinic | 09 | 09 |
| | | Pre-clinical Laboratory | 01 | 01 |
| | | RVG Facility | 01 | 01 |
| | | Wet Laboratory | 01 | 01 |
| | | Dry Laboratory | 01 | 01 |
| | | Minot OT & Sedation Room | 01 | 01 |
| | | Counseling Room | 01 | 01 |
| | | Seminar Room | 01 | 01 |
| | | | | |
| 5 | Department of Oral & Maxillofacial Surgery | Dental chair – UG clinic | 15 | 15 |
| | | Dental chair – PG clinic | 08 | 10 |
| | | Minor OT | 01 | 01 |
| | | Major OT | 01 | 01 |
| | | Oral and Maxillofacial Surgery Laboratory | 01 | 01 |
| | | Advanced Simulation Surgical skills Laboratory | 01 | 01 |
| | | Basic Life Support Laboratory | 01 | 01 |
| | | Seminar Room | 01 | 01 |
| | | | | |
| 6 | Department of Prosthodontics and Crown & Bridge | Dental chair – UG clinic | 17 | 17 |
| | | Dental chair – PG clinic | 11 | 11 |
| | | UG Laboratory | 01 | 01 |
| | | PG Laboratory | 01 | 01 |
| | | Implantology Clinic | 01 | 01 |
| | | Geriatric Clinic | 01 | 01 |
| | | Crown and Bridge Pre-Clinical Laboratory | 01 | 01 |
| | | Dental Material Practical Laboratory | 01 | 01 |
| | | Pre-Clinical Prosthodontics | 01 | 01 |
| | | Ceramic Laboratory | 01 | 01 |
| | | Cobalt Chromium Laboratory | 01 | 01 |
| | | Acrylic Laboratory | 01 | 01 |
| | | Seminar Room | 01 | 01 |
| | | | | |
| 7 | Department of Public Health Dentistry | Dental chair – UG clinic | 08 | 08 |
| | | Mobile Dental Van | 01 | 01 |
| | | Museum | 01 | 01 |
| | | Tobacco Cessation Counselling Cell | 01 | 01 |
| 8 | Department of Oral Medicine and Radiology | Dental chair – UG clinic | 06 | 09 |
| | | CBCT Room | 01 | 01 |

| | | | | |
|----|--|--|----|----|
| | | IOPA Room | 01 | 01 |
| | | OPG Room | 01 | 01 |
| | | General X-Ray Room | 01 | 01 |
| | | Dark Room | 01 | 01 |
| 9 | Department of Oral Pathology & Microbiology | Dental chair – UG clinic | 01 | 01 |
| | | Dental Anatomy, Embryology and Oral Histology Practical Laboratory | 01 | 01 |
| | | Oral Pathology & Microbiology Laboratory | 01 | 01 |
| | | Museum | 01 | 01 |
| | | Histopathology Laboratory | 01 | 01 |
| 10 | Department of Human Anatomy, Embryology, Histology, Medical Genetics | Histology Laboratory | 01 | 01 |
| | | Cadaver Dissection Hall | 01 | 01 |
| | | Osteology Laboratory | 01 | 01 |
| | | Museum | 01 | 01 |
| 11 | Department of Human Physiology | Physiology Laboratory | 01 | 01 |
| 12 | Department of Biochemistry, Nutrition & Diatics | Biochemistry Laboratory | 01 | 01 |
| 13 | Department of General Pathology | Pathology UG Laboratory | 01 | 01 |
| | | Clinical Laboratory | 01 | 01 |
| 14 | Department of Microbiology | Microbiology Laboratory | 01 | 01 |
| 15 | Department of Pharmacology | Pharmacology Laboratory | 01 | 01 |
| 16 | Lecture Halls | | 04 | 04 |


Principal

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