

**Summary Key points of
each method**



ARMY COLLEGE OF DENTAL SCIENCES

Chennapur –CRPF Road , Jai Jawaharnagar Post, Secunderabad – 500 087, Telangana
Ph: +914029708384, 9347411942

Website: www.acds.co.in Email : army_c@rediffmail.com

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

The educational model for delivering the content is changing. Student-centered approaches to learning are the main stay of education. It is important to build capacity, leadership, critical thinking skills, and complex problem solving in our students so that they outshine in this competitive era and provide ethical and quality service to the society. Thus, utilization of the strategies discussed here can help in making the students ready to face the world.

1. Experiential learning:

- Clinical Case Presentations (History taking, General and oral examinations, evidence-based discussions on diagnosis and comprehensive management)
- Peer-Assisted learning
- Think-Pair-Share
- Projects, Research discussions
- Ethical and clinical society meetings
- Simulations and simulation labs
- Seminars and journal clubs
- Internship

2. Integrated / inter-disciplinary learning:

- Vertical and horizontal integrated teaching
- Centralized clinical meetings
- Literature and clinical case reports presentations
- Discussions and input by various departments

3. Participatory learning:

- Problem based learning
- Lectures
- Students Led Objective Tutorials (SLOT)
- Group discussions on clinical scenarios
- Clinical meetings
- Seminars

- Role plays
- Community outreach activities
- Oral Health camps
- Disaster management rescue missions in fire accidents
- Blood donation camp

4. **Problem-solving methodologies:**

- Journal Club
- Problem-Based-Learning (PBL)
- Case-Based- Learning (CBL)
- Group discussions
- Lectures

5. **Self-directed learning (SDL):**

- Maintenance of log books and record books on given assignments.
- Procedural skills: Under directly observed procedural skill (DOPS).
- SDL in form of literature search from e-resources, CD and DVDs
- Utilization of e-library

6. **Patient-centric and Evidence - based learning:**

- Clinical Postings: exposed to OPD and OT.
- Basic Life Support (BLS)
- Advance cardiac life support (ACLS)
- Pathological laboratories.
- Chair-side clinics
- OSCE
- Clinico-pathological correlations (CPC)
- Journal club
- Clinical society meetings

7. **Humanities:**

Students are trained in:

- Personality development
- Communication skills
- Professionalism
- Value- based education by incorporating topics of Bioethics (Patient privacy, Autonomy, Confidentiality, Right to health)
- Gender sensitization
- Oral Health awareness through community visits.
- POSH
- Placement Interviews

- Psychologist assistance for mental health

8. Project-based learning:

- Research projects (ICMR-STs projects)
- Dissertations/Thesis
- Scientific paper writing
- Research Methodology workshop
- Table top presentations

9. Role Play:

- Resident as a teacher workshops
- Doctor Patient relationship
- Informed consent
- Communication skills
- World Oral Health Day
- World Tobacco Cessation Day
- Children’s Day
- Teachers Day

Difference between Teacher Centred and Student Centered Approach

ELEMENTS	TEACHER-CENTERED	STUDENT-CENTERED
KNOWLEDGE	Transmitted from Instruction	Constructed by Students
STUDENT PARTICIPATION	Passive	Active
ROLE OF LECTURER	Leader/Authority	Facilitator/Partner in Learning
ROLE OF ASSESSMENT	Few Tests, Mainly for Grading	Many Tests, for Ongoing Feedback
EMPHASIS	Learning Correct Answers	Developing Deeper Understanding
ASSESSMENT METHOD	One-Dimensional Testing	Multidimensional Testing
ACADEMIC CULTURE	Competitive, Individualistic	Collaborative, Supportive



[Signature]
-Principal

PRINCIPAL
Army College of Dental Sciences
Secunderabad-500 087.