



PSN ENGINEERING COLLEGE

Melathediyoor, Palayamkottai Taluk, Tirunelveli District, Pin - 627 152.

(Approved by AICTE and Affiliated to Anna University)

An ISO 9001 : 2015 Certified Institution

Website : www.psnec.ac.in Email : principal@psnec.ac.in

☎ 04634-279078, 279079 ☎ Fax : 04634-279078



2.3.1 STUDENT-CENTRIC METHODS

PSNEC an afflicted college of ANNA University has adopted many measures to groom the students and be more responsible towards the empowerment of our Nation. Despite of limited curriculum of the university. **Field Projects, Internships, Fabrication based Real Time Engineering Problems, Coding Competitions, Industry based Expert Lectures, Online Tests, etc., are part of the curriculum to enhance problem-solving techniques, experiential learning, and participatory learning** are provided by the students.

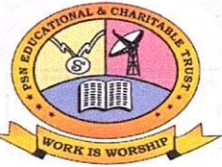
Self-determination theory focuses on how much a person's behavior is self-determined and motivated by their interests. Learning becomes an incentive when students are given a chance to assess their understanding.

Teaching Techniques

Teachers principles and techniques to promote student learning are called a teaching approach. These tactics depend partly on the material to be taught and the type of learner.

Six efficient teaching techniques and How to apply them

- Online education.
- Experiential education.
- The ability to differentiate.
- Blended education.
- Game-based education.
- Student-centered instruction.



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Three major categories can be used to classify the various teaching methodologies and its listing below.

- Learner- Centered Methods
- Content-Focused Methods
- Interactive/Participative Methods.

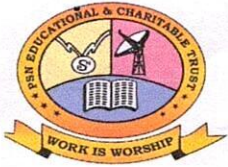
It is proven demonstrated that student-centered learning environments are successful in higher education. The above methods have been particularly described as a mindset and a culture within a specific educational institution and a method of learning widely related to and supported by constructivist theories of learning in higher education. They are distinguished by cutting-edge teaching strategies that encourage interaction between students and teachers, treat them seriously as active participants in their education, and foster transferable skills like problem-solving, critical thinking, and reflective thinking.

1. Experiential learning:

- ✓ Case Presentations (History gathering, physical examination, Discussion of diagnosis and treatment based on evidence)
- ✓ Peer-Assisted learning
- ✓ Think-Pair-Share
- ✓ Research projects and conversations
- ✓ Simulations and labs for simulation
- ✓ Seminars
- ✓ Internship
- ✓ Field excursions
- ✓ Visits to businesses
- ✓

2. Participatory instruction:

- | | |
|---|---------------------------------|
| ✓ Problem-Based-Learning | ✓ Quizzes |
| ✓ Think-Pair-Share | ✓ Micro-teaching |
| ✓ Students Led Objective Tutorials (SLOT) | ✓ playing roles |
| ✓ clinical conferences | ✓ Discussion of cases |
| ✓ Ward turns | ✓ Community outreach activities |
| ✓ Seminars | ✓ Health camps |



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3. Problem-solving methodologies:

- ✓ Journal Club
- ✓ Based Learning (PBL)
- ✓ Case-Based Education (CBE)

4. Self-motivated education (SME):

- ✓ Upkeep of logbooks for assigned tasks.
- ✓ Procedural skills: Under directly observed procedural skill (DOPS).
- ✓ SDL in the form of literary searches from online, CD, and DVD resources

5. Project-based instruction:

- ✓ Research Initiatives (ICMR-STS projects)
- ✓ Dissertations/Thesis
- ✓ Writing A Scientific Article

6. Play Acting:

- ✓ Resident as a teacher's workshops
- ✓ Communication skills
- ✓ Breaking bad news

Summary

Our department faculty members make efforts in making the learning activity more interactive by adopting student – centric methods. We are provide an effective platform for students to develop the latest skills, knowledge and attitudes. Our college implements student - centric methods of enhancing the lifelong learning skills of students. Mainly our college are following methods of Experimental learning and Participative Learning.

PRINCIPAL

Dr. M.S. RAVIKUMAR
Principal

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