

# ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY, VIJAYAWADA-520008

## DEPARTMENT OF CIVIL ENGINEERING

### **VISION & MISSION OF DEPARTMENT**

#### **VISION**

- To attain national standards of eminence in qualitative education, teaching, research & consultancy through processes of self-evaluation & continuous improvement.

#### **MISSION**

- To induce technical, ethical & moral values among the students.
- To encourage students to pursue higher education, take competitive exams & various career enhancing courses.
- To promote faculty development programmes for updating knowledge & improving their overall professional performance.
- To have regular interaction with industry & offer solutions to their problems.

### **POs (PROGRAMME OBJECTIVES)**

1. Engineering Knowledge
2. Problem analysis
3. Design/development of solutions
4. Conduct investigations of complex problems
5. Modern Tool Usage
6. The Engineer and Society
7. Environment and Sustainability
8. Ethics
9. Individual and Team Work
10. Communication
11. Project Management and Finance
12. Life-long learning

### **PEOs (PROGRAMME EDUCATIONAL OBJECTIVES)**

- PEO-1:** To provide guidance to the students so as to apply theoretical & practical knowledge in designing & creating sustainable solutions.
- PEO-2:** To mould the students act professionally and ethically.
- PEO-3:** To enable students develop heightened basic knowledge in the concepts of engineering mechanics, solid mechanics, fluid mechanics, soil mechanics to solve civil engineering problems.
- PEO-4:** To encourage in life-long learning to meet the challenges facing the profession.

### **PSOs (PROGRAM SPECIFIC OUTCOMES)**

- PSO1:** Knowledge of contemporary issues in the civil engineering industry to solve societal issues.
- PSO2:** Qualify in competitive examinations for higher education and employment.