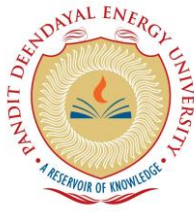


### **Program Educational Objectives (PEOs):**

1. To provide solutions to civil engineering problems and cater for evolving needs of the society through engineering practice and/or research of their choice and pursuance.
2. To serve mankind in their endeavour by designing and analyzing of civil engineering structures engrossing its, aesthetics, safety, functionality and sustainability.
3. To work ethically and professionally in the chosen professional career.
4. To be affiliated with professional bodies and continuing education schemes for their lifelong learning and growing towards leadership roles and also strive for addition of new knowledge.

### **Program Outcomes:**

1. **Engineering knowledge:** Ability to acquire and apply fundamental principles of science and engineering to address the issues and challenges of Civil Engineering and Technology
2. **Problem analysis:** Ability to analyze and solve practical problems related to Civil Engineering and Technology
3. **Design/development of solutions:** Ability to design, develop and evaluate Civil Engineering works to meet the desired need
4. **Conduct investigations of complex problems:** Ability to conduct, analyze and interpret experiments and apply experimental results to improve the process in Civil Engineering
5. **Modern tool usage:** Ability to use current technology, skills and modern techniques in construction practices of Civil Engineering structure
6. **The engineer and society:** Ability to assess the impact of global, social and cultural changes on Infrastructure projects
7. **Environment and sustainability:** Ability to understand the importance of sustainability and environmental impact in design and development of Infrastructure projects
8. **Ethics:** Ability to exhibit professional, legal and ethical behavior
9. **Individual and team work:** Ability to work effectively as an individual and as a member/ leader in a team
10. **Communication:** Ability to communicate and present effectively
11. **Project management and finance:** Ability to employ effective project management skills to develop a project plan, monitor and track development efforts
12. **Life-long learning:** Ability to enhance self-improvement through continuous professional development and life- long learning



**Programme Specific Outcomes (PSOs):**

1. **Understanding:** Graduates shall demonstrate sound knowledge in analysis, design, laboratory investigations and construction aspects of civil engineering infrastructure, along with good foundation in mathematics, basic sciences and technical communication
2. **Broadness and diversity:** Graduates will have a broad understanding of economical, environmental, societal, health and safety factors involved in infrastructural development, and shall demonstrate ability to function within multidisciplinary teams with competence in modern tool usage.
3. **Self-learning and service:** Graduates will be motivated for continuous self-learning in engineering practice and/or pursue research in advanced areas of civil engineering in order to offer engineering services to the society, ethically and responsibly