



Shri Siddheshwar Devasthan Trust's  
SHRI SIDDHESHWAR WOMEN'S POLYTECHNIC, SOLAPUR.  
CIVIL ENGINEERING DEPARTMENT

**DEPARTMENT**





## **VISION**

**Transform young women into technically competent, socially committed and ethically upright individuals who actively involve in nation building and development of human existence.**





# **MISSION**

**To produce the outstanding civil engineers through dynamic teaching and learning process.**

**To inculcate the professionalism of civil engineers through creativity & innovation.**

**To produce an excellent entrepreneur skills by providing co-curricular & extra-curricular activities.**

# Programme Educational Objectives (PEOs)

PEO 1 - To prepare the students for higher studies.

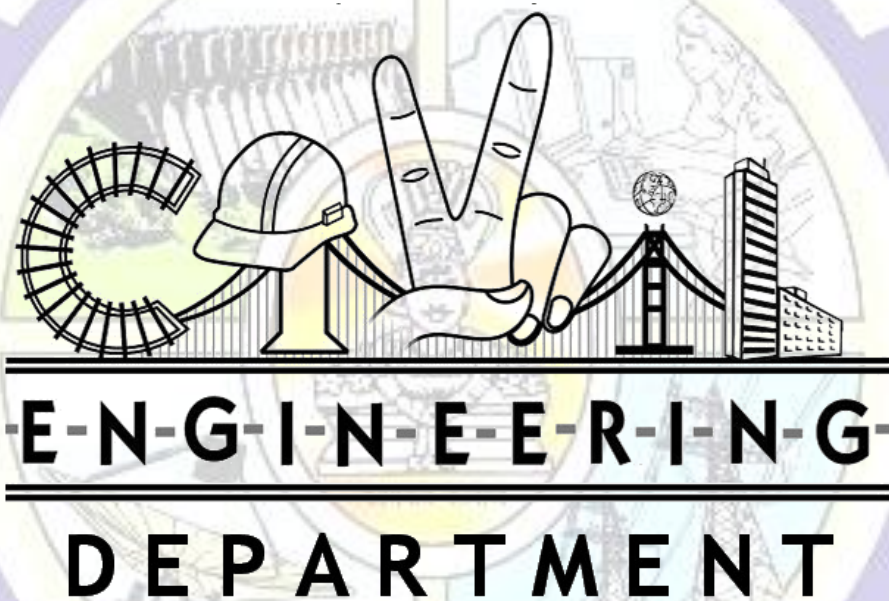
PEO 2 - To prepare the students to apply technical skills in Civil Engineering field.

PEO 3 - To enhance unified qualities of students by providing platform to them in technical competitions & extra cocurricular activities.

## Program Outcomes

- a. To apply knowledge of engineering, mathematics, physics & chemistry.
- b. To conduct experiments, as well as to analyze and interpret data in civil engineering area.
- c. To design a civil engineering structural components to realistic constraints such as economic, environmental, safety, manufacturability, and sustainability.
- d. To identify, formulate, and solve engineering problems in technical areas appropriate to civil engineering.
- e. To create, select, and apply appropriate techniques, resources, and modern engineering tools to Civil Engineering field.
- f. Apply knowledge to assess societal, health, safety, legal, and cultural issues to the professional Civil Engineering practice.
- g. Understand the impact of the professional Civil Engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- h. Apply ethical principles and commit to professional ethics and responsibilities and norms of the Civil Engineering practice.

- i. Work as a member of a team to lead, interact, communicate and contribute input to a multidisciplinary team.
- j. Communicate effectively, write reports, make presentations and give and receive clear instructions.
- k. Demonstrate knowledge of the engineering and management principles and apply these to one's own work, to manage Civil Engineering projects and in multidisciplinary environments.
- l. Recognition of the need for, and an ability to engage in, lifelong learning and working towards professional development.



Women's Empowerment through Technical Education