



Shri Siddheshwar Devasthan Trust's

## **SHRI SIDDHESHWAR WOMEN'S POLYTECHNIC, SOLAPUR.**

### **Information Technology**

#### **VISION**

To impart differentiated technical education of Information Technology field that endure women engineers who influence the development of humanity in general and welfare of society.

#### **MISSION**

1. To promote excellence in all the areas of Computer Engineering and Information Technology keeping speedy growth with the emerging technologies.
2. To impart state-of-the-art of technical education to design, develop and test software systems.
3. To build the spirit of confidence, team work and professionalism among the students.

## PROGRAMME EDUCATIONAL OBJECTIVES (PEO's)

1. Provide socially responsible, environment friendly solutions to Information technology related broad-based problems adapting professional ethics.
2. Adapt state-of-the-art Information Technology broad- based techniques to work in multi-disciplinary work environments.
3. Solve broad-based problems individually and as a team member communicating effectively in the world of work.



## PROGRAMME OUTCOMES (PO's)

- 1. Basic knowledge:** Apply knowledge of basic mathematics, science and basic engineering to solve the problems related to application of computers and communication services in storing, manipulating and transmitting data, often in the context of a business or other enterprise.
- 2. Discipline knowledge:** Apply Information Technology knowledge to solve broad-based Information Technology related problems.
- 3. Experiments and practice:** Plan to perform experiments, practices and to use the results to solve Information Technology related problems.
- 4. Engineering tools:** Apply appropriate Information Technology related techniques/ tools with an understanding of the limitations.
- 5. The engineer and society:** Assess societal, health, safety and legal issues and the consequent responsibilities relevant to practice in the field of Information technology.
- 6. Environment and sustainability:** Apply Information Technology related engineering solutions for sustainable development practices in environmental contexts.
- 7. Ethics:** Apply ethical principles for commitment to professional ethics, responsibilities and norms of practice in the field of Information Technology.
- 8. Individual and team work:** Function effectively as a leader and team member in diverse/ multidisciplinary teams.
- 9. Communication:** Communicate effectively in oral and written form.
- 10. Life-long learning:** Engage in independent and life-long learning along with the technological changes in the IT and allied industry.

## Program Specific Outcomes (PSOs)

- 1. Modern Information Technology:** Use latest technologies for operation and application of information.
- 2. Information Technology Process:** Maintain the information processes using modern information and communication technologies.

