



Shri Siddheshwar Devasthan Trust's

SHRI SIDDHESHWAR WOMEN'S POLYTECHNIC, SOLAPUR.

## Electrical Engineering

### VISION

To generate the knowledge within the nurturing talents to transmit their technicalities in the challenging environment & to distribute it towards the sustainable development.

### MISSION

1. To provide undergraduate students with inspiration and quality education in the theory and practice.
2. Commit our faculty expertise and modern facilities to promote lifelong learning, ethical standards, personal development & responsibilities towards the society.

## Programme Educational Objectives

### **1. Higher studies & Professional Development**

To motivate students for pursuing higher education.

### **2. Technically competent & Analytical Reasoning**

To prepare students to apply technical knowledge in their field.

### **3. Lifelong Learning**

To provide an environment for personality development, ethics & life-long learning needed for a successful career.



## Programme Outcomes

1. Demonstrate basic knowledge of mathematics, science and communicate effectively in both verbal and written form.
2. Demonstrate an ability to identify, formulate and solve electrical engineering problems.
3. Demonstrate an ability to design electrical circuits and conduct experiments, analyze and interpret data.
4. To work as both an individual and in a team in electrical engineering or multidisciplinary, exhibiting the leadership qualities.
5. Demonstrate skills to use modern engineering tools and equipment to analyze problems.
6. Demonstrate knowledge of professional and ethical responsibilities.
7. Demonstrate an ability to identify various parts of electrical equipment & electrical appliances.
8. Demonstrate an ability to decide the proper energy conservation techniques as per need.
9. Pursue advanced & continual education in engineering.
10. Able to use engineering knowledge for development of society.
11. Participate and succeed in technical Competitions.
12. Demonstrate an ability to plan and execute project management activities.