



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.

Women's Empowerment through Technical Education

## **PROGRAMME EDUCATIONAL OBJECTIVES (PEO's)**

1. To motivate the students for pursuing higher education.
2. To prepare the students to apply technical knowledge in their field.
3. To provide an environment for personality development, ethics & life-long learning needed for a successful career.

## **PROGRAMME OUTCOMES (PO's)**

1. Apply knowledge of mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
2. Identify and analyses well-defined electrical engineering problems using codified standard methods.
3. Design solutions for well-defined technical problems in electrical engineering and assist with the design of systems components or processes to meet specified needs.
4. Apply modern electrical engineering tools and appropriate technique to conduct standard tests and measurements in electrical field.
5. Apply appropriate technology in context of society, sustainability, environment and ethical practices.
6. Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.
7. Ability to analyses individual needs and engage in updating in the context of technological changes.

## Program Specific Outcomes (PSOs)

**1. Electrical Equipment:** Maintain various types of rotating and static electrical equipment.

**2. Electric Power Systems:** Maintain different types of electrical power systems.

