

Walchand Institute of Technology, Solapur

Department of Electronics and Telecommunication Engineering



Program Educational Objectives (PEOs)

- 1) To prepare students to give good theoretical background with sound practical knowledge which lead to excellent performance at university examinations and successful professional career.
- 2) To enable students to analyze and solve Electronics and communication Engineering problems by applying basic principles of mathematics, science, and engineering and also able to use modern techniques.
- 3) To make students to innovate design, simulate, develop, and test hardware and software components for offering solution to real life situations.
- 4) To inculcate students to be sensitive to ethical, societal and environmental issues while conducting their professional duties.
- 5) To build strong fundamental knowledge amongst students to pursue higher education ,to enhance Research and continue professional development in Electronics, communication and IT industries
- 6) To nurture students with technical and communication skills in order to be able to function in national and multinational organizations.

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Program Outcomes (POs)

- a. Graduates will demonstrate knowledge of mathematics, science and Engineering.
- b. Graduates will demonstrate ability to identify, formulate and solve electronics and communication engineering problems.
- c. Graduate will demonstrate an ability to design and conduct experiment, analyze and interpret data.
- d. Graduates will demonstrate an ability to implement digital and analog system as per needs and specifications.
- e. Graduates will demonstrate an ability to visualize and work on laboratories and multi-disciplinary tasks as a part of team.
- f. An ability to use the technique, skills and modern engineering tools necessary for engineering practice.
- g. Graduates will demonstrate understanding of professional and ethical responsibilities.
- h. Graduate will demonstrate to communicate effectively in both verbal and written form.
- i. Graduate will show the understanding of impact of engineering solutions on the society and also will be aware of contemporary issues.
- j. Graduate will develop confidence for self education and understand the value for life-long learning.
- k. Graduate can participate and succeed in competitive examinations.