

Solapur University, Solapur
Faculty of Engineering and Technology
Program: Computer Science and Engineering
Program Educational Objectives

1. To provide students good knowledge of Mathematics, Science and Technology as well as the logical base of Computer Science that will be useful in solving complex engineering problems and develop lifelong learning ability.
2. To impart knowledge with good understanding of fundamentals of all subjects of Computer Science & Engineering, so that students are able to analyze, design and implement new projects from various application domains using various modern engineering tools.
3. To develop excellent logical thinking & programming skills to enable students to design, develop system and application level softwares within realistic constraints.
4. To make students good human beings who will have sense of social responsibility and respect over society & its heritage by creating good social environment for them as well as teach them professional and ethical standards .
5. To improve communication, presentation, team working skills and managerial skills leading to entrepreneurship and leadership.
6. To introduce students with new technology to meet the challenges of changing scenario in IT Sector and make them aware of contemporary issues at national & international level.

Programme Outcomes

- (a) An ability to apply knowledge of mathematics, science, and engineering,
- (b) An ability to design and conduct experiments, as well as to analyze and interpret data,
- (c) An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability,
- (d) An ability to function on multidisciplinary teams,
- (e) An ability to identify, formulate, and solve engineering problems,
- (f) An understanding of professional and ethical responsibility,
- (g) An ability to communicate effectively,
- (h) The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context,
- (i) A recognition of the need for, and an ability to engage in life-long learning,
- (j) A knowledge of contemporary issues, and
- (k) An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.