

Walchand Institute of Technology, Solapur
Department of Computer Science Engineering
Program Education Objectives



1. To educate students to give good theoretical background with sound practical knowledge that will be useful to develop a successful professional career as well as life-long learning, entrepreneurship & leadership.
2. To provide students good knowledge of Mathematics, Science and Technology, also the logical base of Computer Science that will be useful in solving complex engineering problems.
3. 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 domain with real time problems.
4. To develop excellent logical thinking & programming skills to enable students to design, develop and *test* application software.
5. 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 ethical standards .
6. To improve communication, presentation and team working skills of students.
7. To introduce students with new technology to meet the challenges of changing scenario in IT Sector at national & international level.
8. To make the students aware of changing economic scenario and develop managerial skills.
9. To inculcate among students the presence of mind on general issues to result in a good personality.

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Program Outcomes



- (a) Graduates will demonstrate knowledge about mathematics, physics, chemistry and electrical and electronics engineering, Communication Engineering, Computer Technology, and management.
- (b) Graduates will demonstrate an ability to identify, formulate design and develop IT related problems.
- (c) Graduate will demonstrate an ability to design hardware and software to conduct experiment tasks, analyze and interpret results in the form of data and knowledge.
- (d) Graduates will demonstrate an ability to design digital and analog system components for prototyping communication and architectures.
- (e) Graduates will demonstrate an ability to visualize and work in laboratory and multi-disciplinary tasks which require IT enablement both at system and application level.
- (f) Graduate will demonstrate skills to use modern engineering tools; software's including language compilers and operating systems to analyze problems.
- (g) Graduates will demonstrate knowledge of professional and ethical responsibilities.
- (h) Graduate will be able to communicate effectively in both verbal and written form.
- (i) Graduate will show the understanding of impact of IT solutions on the society and also will be aware of contemporary issues it has caused.
- (j) Graduate will develop confidence for self education and ability for life-long learning.
- (k) Graduate who can participate and succeed in competitive examinations like GATE, GRE, Toefl, CAT, MAT, etc