

### **Programme Educational Objectives (PEOs)**

**The educational objectives of the Computer Science & Engineering programs are as follows:**

1. To prepare students for successful careers in software industry that meet the needs of Indian and multinational companies.
2. To develop the skills among students to analyze real world problem & implement with computer engineering solution and in multidisciplinary projects.
3. To provide students with Solid foundation in mathematical, scientific and engineering fundamentals to solve engineering problems and required also to pursue higher studies.
4. To develop the ability to work with the core competence of computer science & Engineering i.e. Software Engineering, Hardware structure & Networking concepts so that one can find feasible solution to real world problems.
5. To inculcate in students professional and ethical attitude, effective communication skills, team work skills, multidisciplinary approach, and an ability to relate engineering issues to broader social context.
6. To motivate students perseverance for lifelong learning and to introduce them to professional ethics and codes of professional practice.

## **Program Outcomes**

- a. Graduates will demonstrate knowledge of mathematics, science and allied engineering in computer science & engineering.
- b. Graduates will demonstrate ability to analysis, design and implement the problems as per user requirements and specification.
- c. Graduates will possess strong fundamental concepts on database technologies, operating system, compiler design, networking, data structure, software engineering.
- d. Graduates will be able to demonstrate with excellent programming, analytical, logical and problem solving skills.
- e. Graduates will demonstrate an ability to visualize and work on laboratory and multidisciplinary tasks.
- f. Graduates will demonstrate skills to use modern engineering tools, softwares and equipment to analyze problems.
- g. Graduates will possess leadership and management skills with best professional ethical practices.
- h. Graduates will be able to communicate effectively in both verbal and written form.
- i. Graduates will have the confidence to apply computer science and engineering solution for the welfare of human being.
- j. Graduates will enhance their self confidence and capable of being a kaizen.
- k. Graduates can participate and succeed in competition examination like GATE, GRE, IES etc.