

Program Educational Objectives (PEOs)

- I.** Acquire logical and analytical skills with a solid foundation in core areas of computer Science & Information Technology
- II.** Accomplish with advanced training in focused areas to solve complex real-world engineering problems and pursue advanced study or research
- III.** Demonstrate professional and ethical attitude, soft skills, team spirit, leadership skills, and execute assignments to the perfection

Program Outcomes (POs):

1. Apply the knowledge of basic sciences and fundamental engineering concepts in solving engineering problems.
2. Identify and define engineering problems, conduct experiments and investigate to analyze and interpret data to arrive at substantial conclusions.
3. Propose appropriate solutions for engineering problems complying with functional constraints such as economic, environmental, societal, ethical, safety and sustainability.
4. Perform investigations, design and conduct experiments, analyze and interpret the results to provide valid conclusions.
5. Select/develop and apply appropriate techniques and IT tools for the design & analysis of the systems.
6. Give reasoning and assess societal, health, legal and cultural issues with competency in professional engineering practice.
7. Demonstrate professional skills and contextual reasoning to assess environmental/societal issues for sustainable development.
8. Demonstrate Knowledge of professional and ethical practices.
9. Function effectively as an individual, and as a member or leader in diverse teams, and in multi-disciplinary situations.
10. Communicate effectively among engineering community, being able to comprehend and write effectively reports, presentation and give / receive clear instructions.
11. Demonstrate and apply engineering & management principles in their own / team projects in multidisciplinary environment.
12. Recognize the need for, and have the ability to engage in independent and lifelong learning.

Mapping:

Mapping of PEOs with the expected Program outcomes

The Computer Science and Engineering Program Outcomes leading to achievement of Programme Educational Objectives are summarized in the following Table.

3 = Strong, 2 = Moderate & 1 = Weak

Program Educational Objectives (PEOs)	Program Outcomes (POs):											
	1	2	3	4	5	6	7	8	9	10	11	12
I	3	2	2	1	1	1	1	1	1	2	1	1
II	2	3	2	1	3	1	1	1	1	2	2	1
III	1	1	3	1	1	3	2	1	1	2	1	2