

2.6.1. Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution.

Programme Outcomes (POs):

The outcomes of departments are that the students after successful completion of the course will acquire.

- a) An ability to apply knowledge in mathematics, science and engineering subjects.
- b) An ability to identify, formulate and solve engineering problems.
- c) An ability to design and conduct experiments to interpret data and analyze the results.
- d) An ability to design system components or processes to satisfy the needs of the society within realistic constraints such as economic, social, political, ethical, health, safety and manufacturing.
- e) An ability to function on multi-disciplinary teams.
- f) An ability to understand professional and ethical responsibilities.
- g) An ability to communicate effectively.
- h) An ability to gain knowledge to understand the impact of engineering solutions in a global, environmental and societal context.
- i) An ability to understand the need and engage in life-long learning process.
- j) To gain knowledge on contemporary issues.
- k) An ability to use techniques, skills and modern engineering tools necessary for engineering practice.
- l) Project management and finance

Program Specific Outcomes (PSOs):

Program Specific Outcomes (PSOs) are what the graduates of a specific postgraduate program should be able to do at the time of graduation. The PSOs are program specific. PSOs are written by the Department offering the program. PSOs should be two to four in number. A Department can differentiate its program through PSOs.

PSO 1: The Graduates of this program with proficiency in mathematics and physical sciences will excel in the core areas of civil engineering such as structural, environmental and water resources engineering

PSO 2: To develop and design sustainable and smart infrastructure considering the global environmental challenges.

PSO 3: Understand modern management and construction techniques to complete projects within the stipulated period and funds.

PSO 4: An ability to communicate in both oral and written forms, demonstrating the practice of professional ethics and the concerns for social and environmental impact.