



PROGRAM OUTCOMES (POs)

CIVIL ENGINEERING

Graduate will be able to –

1. Engineering Knowledge: apply knowledge of mathematics, science, engineering fundamentals and core engineering specialisation to the defined and applied engineering procedures, processes, systems or methodologies.
2. Problem Analysis: Identify, formulate, study literature, and analyse broadly-defined engineering problems in reaching substantiated conclusions using analytical tools appropriate to respective discipline or area of specialisation.
3. Design/Development of Solutions: Design solutions for broadly- defined engineering / technology problems and contribute to the design of systems, components or processes to meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.
4. Investigation: Conduct investigations of broadly-defined problems; locate, search and select relevant data from codes, databases and literature, design and conduct experiments to provide valid conclusions.
5. Modern Tool Usage: Select and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling, to broadly-defined engineering activities, with an understanding of the limitations.
6. The Engineer and Society: Demonstrate understanding of the societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to engineering technology practice.
7. Environment and Sustainability: Understand the impact of engineering/technology solutions in societal and environmental context and demonstrate knowledge of and need for sustainable development.
8. Ethics: Understand and commit to professional ethics and responsibilities and norms of engineering technology practice.
9. Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse technical teams.
10. Communication: Communicate effectively on broadly-defined engineering activities with the engineering community and with society at large, by being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. Life-long learning: Our graduates will develop confidence for self-learning and ability for life-long learning.
12. Project management and Finance: Our graduates will have enhanced managerial skills, leadership quality and entrepreneurial spirit.



PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

CIVIL ENGINEERING

1. Excellence in Civil Engineering profession and higher studies by acquiring knowledge in mathematics, computer and other relevant engineering disciplines.
2. Analyze real life problems, design computing systems appropriate to its solutions that are technically sound, economically feasible and socially acceptable.
3. In-depth and advanced professional knowledge in various areas of civil engineering works including the related ordinances, codes of practices, regulations and standards, and keeping track of the latest trend in the civil engineering profession.
4. Exhibit professionalism, ethical attitude, communication skills, team work in their profession and adapt to current trends by engaging in life-long learning and to prepare the graduates for jobs in construction industry, self employment either as a consultant or any civil engineering service provider contributing to overall being of society, nation and humanity.



SHREEYASH PRATISHTHAN'S
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PROGRAM SPECIFIC OUTCOMES (PSOs)

CIVIL ENGINEERING

1. Make the students employable in engineering industries.
2. Motivate the students for higher studies and research.
3. Motivate the students for various competitive examinations.