

### Programme Outcomes

- P01)** Ability to resolve complex engineering problems in general and civil engineering in particular with acquired knowledge of mathematics, science, and engineering fundamentals as problem shooter.
- P02)** Ability to identify, formulate and conduct need based experiments as solution to complex civil engineering problems by utilizing principles of mathematics, natural and engineering sciences to reach at time bound conclusions.
- P03)** Competency to design and develop system components or process to meet desired needs with exact consideration within the context of realistic constraints such as, economic, environmental, societal, public health and safety, constructability and sustainability considerations.
- P04)** Investigative attitude to use research based knowledge and methods with underlying current of innovative experiments, analysis and critical interpretation of relevant data to provide scientific based conclusions to shoot out civil engineering problem.
- P05)** Authoritative skills to create and apply authentic techniques, resources, modern engineering and IT tools to cope up with civil engineering challenges.
- P06)** To demonstrate civil engineering knowledge based understanding and responsibility to issues related to societal, health, safety, legal and cultural on the basis of civil engineering practices.
- P07)** To acknowledge the impact of professional engineering solutions in societal and environmental context and apply that acquired knowledge of technology and focus on need for sustainable development.

- P08)** Understanding and implementing professional ethics and responsibilities as committed professional followed by norms of civil engineering practice.
- P09)** Ability to acquire competency to work effectively in isolation as a member or leader in collaborative diverse teams and in multidisciplinary set up for common goal.
- P010)** Ability to communicate effectively as result oriented communicator by means of comprehension skill, effective report writing, designing documentation , making effective presentation on complex civil engineering activities with engineering community as well as with society.
- P011)** Ability to demonstrate civil engineering management principles and apply the same to one's own work in multi-disciplinary environment.
- P012)** To recognize the situational need for and ability to engage in independently for lifelong learning to reveal multi technological changing scenario.