



DEPARTMENT OF CIVIL ENGINEERING

Program Objectives	
1	Have successful career in the diversified sectors of the engineering industry and/or higher studies by acquiring knowledge in mathematical, scientific and engineering fundamentals.
2	Analyze and design Civil engineering systems with social awareness and responsibility.
3	Exhibit professionalism, ethical approach, communication skills, team work in their profession and adapt to modern trends by engaging in lifelong learning.
Program Outcomes	
PO1	Engineering knowledge : An ability to apply knowledge of computing, mathematics, science and engineering fundamentals appropriate to Civil Engineering.
PO2	Problem analysis : An ability to define the problems and provide solutions by designing and conducting experiments, interpreting and analyzing data.
PO3	Design/development of solutions : An ability to design, implement and evaluate a system, process, component and program to meet desired needs within realistic constraints.
PO4	Conduct investigations of complex problems : An ability to investigate, formulates, analyze and provide an appropriate solution to the engineering problems.
PO5	Modern tool usage : An ability to use modern engineering tools and technologies necessary for engineering practices.
PO6	The engineer and society : An ability to analyze the local and global impact of computing on individuals, organizations and society.
PO7	Environment and sustainability : An ability to understand the environmental issues and provide the sustainable system.
PO8	Ethics : An ability to understand professional and ethical responsibility.
PO9	Individual and teamwork : An ability to function effectively as an individual or as a team member to accomplish the goal.
PO10	Communication : An ability to communicate effectively at different levels.
PO11	Project management and finance : An ability to keep abreast with contemporary technologies through lifelong learning.
PO12	Life-long learning : An ability to apply knowledge of principles of resource management and economics to provide better services in the field of technology.