

DIPLOMA IN CIVIL ENGINEERING

Department Vision:

"To provide qualified civil manpower to develop smart infrastructure for socio-economic growth and fulfillment of societal needs to foster the prosperity of our nation."

Department Mission:

- To impart quality education to raise satisfaction level of all stake holders.
- To provide civil engineers with technical skills and ethical values to serve the society and nation.
- To provide opportunities for developing leadership quality, environmental awareness and social responsibilities.

Programme Educational Objectives (PEOs)

(What s/he will continue to do even after 3-5years of working in the industry)

PEO1 : Provide socially responsible, environment friendly solutions to Civil engineering related broad-based problems adapting professional ethics.

PEO2 : Adapt state-of-the-art Civil engineering broad-based technologies to work in multidisciplinary work environments.

PEO3 : Solve broad-based problems individually and as a team member communicating effectively in the world of work.

Program Outcomes (Pos)

(What s/he will be able to do at the entry point of industry soon after the diploma programme)

P01.: Basic knowledge: Apply knowledge of basic mathematics, sciences and basic engineering to solve the broad-based Civil engineering problems.

P02.: Discipline knowledge: Apply Civil engineering knowledge to solve broad-based Civil engineering related problems.

P03.: Experiments and practice: Plan to perform experiments and practices to use the results to solve broad-based Civil engineering problems.

P04.: Engineering tools: Apply relevant civil technologies and tools with an understanding of the limitations.

P05.: The engineer and society: Assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to practice in field of Civil engineering.

P06.: Environment and sustainability: Apply Civil engineering solutions also for sustainable development practices in societal and environmental contexts.

P07.: Ethics: Apply ethical principles for commitment to professional ethics, responsibilities and norms of the practice also in the field of Civil engineering.

P08.: Individual and team work: Function effectively as a leader and team member in diverse / multidisciplinary teams.

P09.: Communication: Communicate effectively in oral and written form.

P010.: Life-long learning: Engage in independent and life-long learning activities in the context of technological changes also in the Civil engineering and allied industry.

Program Specific Outcomes (PSOs)

(What s/he will be able to do in the Civil engineering specific industry soon after the diploma programme)

PS01.: Construction Planning and Designing : Perform optimal civil engineering construction, planning and designing activities of desired quality at optimal cost.

PS02.: Construction Execution and Maintenance : Execute civil engineering construction and maintenance using relevant materials and Equipment.