



Shanti Education Society's

A.G. Patil Polytechnic Institute, Solapur

PROGRAMS ARE NBA ACCREDITED

ISO 9001:2008 CERTIFIED (LMS-DAC) DTE Inst. Code: D6443 MSBTE Inst. Code: 0995

Program: Civil Engineering

Vision, Mission, PEO, PO& PSO's

VISION

To strive for making professionally skilled civil engineers by imparting quality technical education to meet the needs of industry and society.

MISSION

M1	To provide excellent technical skills.
M2	To impart latest trends in technology with ability for research.
M3	To develop competent civil engineers for meeting needs of industrial and society

Program Education Objectives(PEO's)

PEO1	To develop an ability to analyze, design and solve problems in civil engineering for sustainable development.
PEO2	To present themselves as a responsible professional with ethics.
PEO3	To inculcate an ability to adapt the latest trends by engaging themselves in lifelong learning.

Program Outcomes (PO's)	
PO1	Basic and Discipline specific knowledge: Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization solve the Engineering problems.
PO2	Problem analysis: Identify and analyse well-defined engineering problems using Codified standard methods.
PO3	Design/ development of solutions: Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet Specified needs.
PO4	Experimentation and Testing: Apply modern engineering tools and appropriate Technique to conduct standard tests and measurements.
PO5	Engineering practices for society, sustainability and environment: Apply appropriate Technology in context of society, sustainability, environment and ethical practices.
PO6	Project Management: Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-Defined engineering activities.
PO7	Life-long learning: Ability to analyse individual needs and engage in updating in the Context of technological changes.

Program Specific Outcomes (PSO's)	
PSO1	Construction Planning and Designing: To Plan, analyze, design, estimate, civil engineering amenities keeping in view, the safety and stability.
PSO2	Construction Execution: Apply the contextual knowledge of Civil Engineering to execute and maintain the civil engineering structures.
PSO3	Professional Expert: To achieve excellence, managerial expertise and outstanding leadership to succeed in position in civil engineering profession by lifelong learning.