



Shanti Education Society's

A. G. Patil Polytechnic Institute, Solapur

ALL PROGRAMS ARE NBA ACCREDITED

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

Program: Electrical Engineering

Vision, Mission, PEO, PO & PSO's

VISION

To originate professional Electrical Engineers by providing quality technical education with values to meet the needs of industry, business and society

MISSION

M1	To provide technical education through modern teaching-learning pedagogies
M2	To educate students to be an Entrepreneur and Team leader
M3	To motivate students for higher education, Research and innovation for development of society

Program Education Objectives (PEO's)

PEO1	To be employable in government sector, public sector and industries
PEO2	To provide solutions for Electrical engineering projects by considering social and environmental aspects
PEO3	To engage in lifelong learning to seek excellence in professional life

Program Outcomes (PO's)

PO1	Basic and Discipline specific knowledge: Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
PO2	Problem analysis: Identify and analyze 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	Engineering Tools, 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 analyses individual needs and engage in Updating in the context of technological changes.