



Shanti Education Society's

A. G. Patil Polytechnic Institute, Solapur

NBA ACCREDITED PROGRAMS

ISO 9001:2015 CERTIFIED (LMS-DAC) DTE Inst. Code : D6443 MSBTE Inst. Code : 0995

Program: Electrical Engineering

Vision, Mission, PO & PSO's

VISION

To prepare professional Electrical Engineer with ethics to meet the needs of industry, business and society

MISSION

M1	To develop professional Electrical Engineers by providing technical skills with values
M2	To motivate students for Research and innovation through seminars, project competitions, workshops and paper presentations
M3	To enable the students for future industrial and social challenges by providing latest technical education

Program Education Objectives (PEO's)

PEO1	To be employable in government sector, public sector and industries
PEO 2	To provide solutions for Electrical engineering projects by considering social and environmental aspects
PEO 3	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.

Program Specific Outcomes (PSO's)

PSO1	Electrical Equipment: Maintain Various types of rotating and static electrical equipment.
PSO2	Electric Power Systems: Maintain different types of Electric power systems.