



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: Electronics & Telecommunication Engineering

Vision, Mission, PEO, PO & PSO's

VISION

To provide quality education in the field of Electronics and Telecommunication engineering to create professionals for meeting the demands of industry, business, society.

MISSION

M1	To equip students with strong foundation of knowledge, skills, attitude and team spirit required for a professional.
M2	To prepare students for a bright career, entrepreneurship in the field of Electronics Engineering.
M3	To inculcate responsibility towards Environment and society.

Program Education Objectives (PEO's)

PEO1	To provide students with basics in electronic engineering.
PEO2	To develop an ability to apply electronic systems to function effectively.
PEO3	To work for society with professional ethics, team spirit, effective communication and lifelong learning skills.

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 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	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 analyse individual needs and engage in updating in the context of technological changes.

Program Specific Outcomes (PSO's)

PSO1	Project Planning and supervision: Plan and supervise different types of Electronics & Telecommunication Engineering systems.
PSO2	Safety and quality control: Operate and maintain Electronics & Telecommunication working environment and Standards in electronics engineering as per statutory provisions.
PSO3	Tools Usage: Use different application tools to develop simple Electronics & Telecommunication engineering related circuit.