



SREE VIDYANIKETHAN ENGINEERING COLLEGE
(Autonomous)
Sree Sainath Nagar, Tirupati – 517 102, A.P.

DEPARTMENT OF MECHANICAL ENGINEERING

SVEC 10

Programme Objectives (POs)

On completion of the program, a successful student will be able to:

- PO1: Employ knowledge of Mathematics, Physics, Chemistry and Mechanical Engineering in solving problems and building analytical models for further analysis/design.
- PO2: Analyze a Mechanical Engineering problem and offer a mathematical and/or qualitative assessment on the probable solutions.
- PO3: Present feasible designs for simple domestic and industrial Mechanical Engineering problems.
- PO4: Identify manageable sub-problems from complex situations for quicker solutions through rigorous research methodology.
- PO5: Use both hardware and software tools to enhance productivity as a Mechanical Engineer.
- PO6: Relate the Mechanical Engineering solutions and their social ramifications.
- PO7: Propose, where possible, environment-friendly and sustainable solutions to Mechanical Engineering problems.
- PO8: Exercise discernment in following ethical code of conduct in professional activities.
- PO9: Promote individual excellence as well as the team-output in small or large groups.
- PO10: Communicate clearly, fluently, and cogently both in written and spoken contexts.
- PO11: Manage finances and sizeable projects by choosing the right blend of common sense solutions, rigorous analytical tools, and time-tested traditional methods.
- PO12: Sustain everlasting curiosity to delve into the unknown and to have an attitude of attention to detail.