



SREE VIDYANIKETHAN ENGINEERING COLLEGE

(Autonomous)

Sree Sainath Nagar, Tirupati – 517 102, A.P.

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DEPARTMENT OF MECHANICAL ENGINEERING

SVEC 14

PROGRAM OUTCOMES(POs)

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

1. Employ knowledge of Mathematics, Physics, Chemistry and Mechanical Engineering in solving problems and building analytical models for further analysis/design.
2. Analyze a Mechanical Engineering problem and offer a mathematical and/or qualitative assessment on the probable solutions.
3. Present feasible designs for simple domestic and industrial Mechanical Engineering problems.
4. Identify manageable sub-problems from complex situations for quicker solutions through rigorous research methodology.
5. Use both hardware and software tools to enhance productivity as a Mechanical Engineer.
6. Relate the Mechanical Engineering solutions and their social ramifications.
7. Propose, where possible, environment-friendly and sustainable solutions to Mechanical Engineering problems.
8. Exercise discernment in following ethical code of conduct in professional activities.
9. Promote individual excellence as well as the team-output in small or large groups.
10. Communicate clearly, fluently, and cogently both in written and spoken contexts.
11. Manage materials, finances and human resources in sizeable projects by choosing the time-tested traditional methods and modern software tools.
12. Sustain everlasting curiosity to delve into the unknown and to have an attitude of attention to detail and entrepreneurial spirit.