



**SREE VIDYANIKETHAN ENGINEERING COLLEGE  
(AUTONOMOUS)**

**SVEC-10**

Sree Sainath Nagar, Tirupati – 517 102

**Department of Information Technology**

**M. Tech (SE)**

**Program Outcomes:**

After post-graduation, the post-graduates will be able to:

1. Apply knowledge of computing and software engineering appropriate to the discipline.
2. Analyze a problem, and identify and define the computing requirements appropriate to its solution.
3. Design, implement and evaluate a computer-based system, process or program to meet desired needs.
4. Identify, formulate and solve engineering problems by interpreting the literature and applying research methodologies and software engineering principles.
5. Use current software engineering techniques, skills, and tools necessary for professional practice.
6. Demonstrate capacity of self-management, teamwork and function in multi-disciplinary teams to achieve a common goal.
7. Demonstrate knowledge in software engineering to manage software projects in industry including time and cost analysis.
8. Transact confidently and effectively with a range of audience through technical and business communication skills.
9. Recognize the need for, and an ability to engage in, life-long learning adapting to the rapidly changing technological world.
10. Apply appropriate codes of ethics and professional conduct in professional practice.
11. Analyze one's own actions and make appropriate correction necessary for personal and professional growth.