

**Department of Computer Science and Engineering**

**B.Tech (Computer Science & Engineering) (SVEC-10)**

**Program Outcomes**

1. Acquire knowledge of mathematics, sciences, basic engineering and core concepts of computer science and engineering.
2. Ability to analyze a problem, identify and define the computing requirements and formulate a solution.
3. Design, implement and evaluate a computer-based system to meet desired needs with appropriate societal considerations.
4. Acquire skills to conduct investigations, interpret data and derive conclusions in investigating complex problems related to computer science and engineering.
5. Use appropriate techniques, skills, and modern tools necessary to computing practice.
6. Create solutions for societal needs with the impact of computer science and engineering.
7. Ability to Practice knowledge of the impact of professional engineering solutions in environmental contexts and the need for sustainable development.
8. Understanding of professional, ethical, legal, security and social issues and responsibilities.
9. Ability to function effectively as an individual and in a group with the capacity to be a leader.

10. Develop effective communication on complex engineering activities, with a range of audience.
11. Acquire knowledge on project management principles and entrepreneurship skills.
12. Engage in continuing professional development and life-long learning.