



**SREE VIDYANIKETHAN ENGINEERING COLLEGE
(AUTONOMOUS)**

Sree Sainath Nagar, Tirupati – 517 102

Department of Information Technology

B. Tech (IT)

Program Outcomes:

After graduation, the graduates will be able to:

1. Apply knowledge of mathematics, science, engineering, computing and IT fundamentals to design a software system.
2. Identify, formulate and analyze the complex engineering problems and to specify needed computer requirements.
3. Design and develop suitable software systems to address the needs of society.
4. Investigate complex engineering problems, interpret and synthesize data to provide feasible software solutions.
5. Select and apply modern software tools and technologies for effective development of ICT solutions.
6. Assess public issues including health and legal, and provide appropriate solutions with engineering practice.
7. Develop sustainable software solutions adhering to social impact.
8. Continue engineering practice by adapting professional and ethical principles.
9. Function effectively as individual, and member in a team with self management.
10. Work with effective communication skills necessary for professional transactions with a range of audience.
11. Demonstrate and apply engineering and management principles for effective management of software development projects.
12. Recognize evolving technologies and engage in self-learning to meet professional development.