SREE VIDYANIKETHAN ENGINEERING COLLEGE
(AUTONOMOUS)
Sree Sainath Nagar, Tirupati – 517 102

Department of Information Technology

B. Tech (IT)

Program Outcomes:

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

1. Apply knowledge of mathematics, science, computing and information technology to design a software system and in the analysis of tradeoffs inherent in design decisions.

2. Identify, formulate, analyze, and solve problems, and also identify the computing requirements appropriate to the solutions.

3. Design, implement and evaluate a computer-based system or program to meet desired needs.

4. Investigate, interpret data and perform complex engineering problems and find suitable solutions.

5. Use the current techniques, skills, and modern software tools necessary for developing effective Information Technology solutions.

6. Demonstrate impact of software solutions and modern technology on individuals, organizations, society, economy and environment.

7. Understand the professional requirements in environmental context and demonstrate sustainable technology solutions.

8. Understand the professional, ethical, legal, security and responsibilities appropriate for the professional practice.

9. Work efficiently in multidisciplinary teams with self-management and team work.

10. Gain effective communication skills necessary for professional transactions with a range audience.

11. Demonstrate skills by applying engineering and management principles for effective implementation of a software projects.

12. Recognize the need for and engage in continuing professional development and self learning.