

# **SREE VIDYANIKETHAN ENGINEERING COLLEGE**

Sree Sainath Nagar, Tirupati – 517 102.

## **Department of Civil Engineering**

### **SVEC-14**

#### **Program Outcomes**

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

1. Acquire the knowledge of mathematics, basic sciences and engineering to identify, formulate and solve basic Civil Engineering problems.
2. Analyze and interpret scientific and technical data for processes and systems in Civil Engineering using advanced techniques.
3. Design and develop systems and processes to meet the needs of the society for sustainable development.
4. Provide innovative solutions to civil engineering problems through analysis and design.
5. Create and develop cutting edge tools and technologies to provide novel solutions in Civil Engineering.
6. Address the developmental issues in a global context and responsible for the best practices in civil engineering.
7. Understand the effect of civil engineering projects on the environment and provide solutions in the view of environmental sustainability.
8. Practice engineering with professional, social, moral and ethical responsibilities.
9. Function as a Civil Engineer in self/multi/ inter-disciplinary teams with a spirit of tolerance and patience.
10. Communicate effectively for a quality engineering practice.
11. Blend the knowledge of engineering with skills in management & finance for effective project management.
12. Upgrade skills and knowledge by participating in continuing education for lifelong learning.