The Department of Mechanical Engineering, Sree Vidyanikethan Engineering College (Autonomous) organized a Two Day Staff Training Program on “Machine Shop Practices” during 04th - 05th, April, 2014 under the aegis of TEQIP –II. The programme received an overwhelming response from 50 participants from various Engineering colleges across the width and breadth of Andhra Pradesh.

A brief, session-wise report on the Staff Training Programme is given below with the conclusion at the end.

The Chief Guest, Dr. D. V. S. Bhagavenu, Director, SVEC, addressed the gathering at the inaugural function. Dr. K. C. Varaprasad, Professor & Head, Dept. of Mechanical Engineering, SVEC delivered a talk on Machine Shop Practices. Dr. K. C. Varaprasad started his discussion with very basic idea of machine tools and further conveyed the significance of machine shop practices to the participants through illustrative examples.

Sri. M. Maruthi Prasad delivered a talk on Machine shop tools and their importance. He also emphasized on the method of utilizing the machine shop tools. Practical approaches were taught during his lecture and also the concepts of measuring the dimensions of the jobs were highlighted.
In the afternoon session of the programme, Sri. G. D. Jacob, Senior Instructor, DONBOSCO ITI Kadapa, demonstrated the method of machining the components on the Lathe Machine. During the session, the participants were given Hands-on-Training on various operations on a lathe. After the demonstration, participants performed the job on their own. He shared few very significant aspects to be considered while machining the jobs on different machine tools.
On the second day of the programme, Sri. M. Karuna Kumar, Assistant Engineer, APGENCO, Hyderabad, delivered a lecture on Drill, Taps, Reamers and Counter sinks. He illustrated the practical problems encountered during drilling, tapping and reaming processes.

Mr. P. Bhanu Prakash, Assistant Professor, Dept of Mechanical Engineering, SVEC delivered a lecture on Shaper, Planner and Slotting machines. He also experimentally showed the method of fixing the jobs, performing the operations and also setting the cutting tools to the machine tools.
Participants being trained on various machine tools