

A Two-Day Staff Training Programme on “Machine Shop Practices”

4th - 5th April, 2014

(Under TEQIP-II)

The Department of Mechanical Engineering, Sree Vidyanikethan Engineering College (Autonomous) organized a Two Day Staff Training Program on “Machine Shop Practices” on April 04th and 05th, 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 report for each of the session during the Staff Training Programme is given below with the conclusion at the end. The programme started with inauguration.



The Chief Guest, Dr.D.V.S.Bhagavanulu, Director, SVEC, Addressed the gathering at the inaugural function of Two-Day Staff Training program on “Machine Shop Practices” followed by the Convener, Staff Training program.



The Convener, Dr.K.C.Varaprasad, Addressed the gathering at the inaugural function of Two-Day Staff Training program on “Machine Shop Practices”.

Dr.K.C.Varaprasad, Professor & Head, Dept. of Mechanical Engineering, Sree Vidyanikethan Engineering College, Tirupati delivered a talk on Machine Shop Practices.



Dr.K.C.Varaprasad started his discussion with very basic idea of machine tools and further brought out the significance of machine shop practices to the participants through illustrative examples.

The second speaker of the day 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 a few very important aspects to be considered while machining the jobs on different machine tools.



Sri.G.D.Jacob, Senior Instructor, DONBOSCO ITI Kadapa, demonstrating the method of operating the lathe machine and illustrating the job sequence to the participants.



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, Sree Vidyanikethan Engineering College 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.





Sri.M.Karuna Kumar, Assistant Engineer, APGENCO, Hyderabad training the participants in operating the cylindrical grinder.



Participants being trained on various machine tools