



Gokaraju Rangaraju Institute of Engineering and Technology (Autonomous)

Report of the Event

Title of the Event: **Workshop on Control Systems**

Organized Date: 2nd December 2014 to 12th December 2014

Summary: Control has played a vital role in the advance of engineering and science. In addition to its extreme importance in space vehicle systems, missile guidance systems, robotic systems and the like, control has become an important and integral part of modern manufacturing and industrial processes. For example automatic control is essential in the numerical control of machine tools in the manufacturing industries, in the design of autopilot systems in the aerospace industries, and in the design of cars and trucks in the automobile industries. It is also essential in such industrial operations as controlling pressure, temperature, humidity, viscosity and flow in the process industries. The workshop focused on different modules such as Basic concepts of control systems, models and responses, system analysis, controller design and implementation and validation of systems.