



SETHU INSTITUTE OF TECHNOLOGY  
(An Autonomous Institution| Accredited with 'A' Grade by NAAC)  
PULLOOR, KARIAPATTI – 626 115.



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
Activity Supports Employability/Entrepreneurship/Skill Development

Course Code : 15UEE407  
Course Name : Control and Instrumentation Laboratory  
Academic Year : 2020 – 2021 (Even) Class : II Year

Category	Employability
Activity	Lab Experiments
Outcome	<p>Control Systems are used in Industrial Automation to regulate how devices operate in real time. It can be used for applications for the construction of financial portfolios, earthquake response control for civil structures, quantum estimation and control, and the modeling and control of air conditioning and refrigeration systems. Position Control systems and characteristics of various drives are analyzed practically through the lab experiments.</p> <p>Instrumentation can refer to devices as simple as direct-reading thermometers, or as complex as multi-sensor components of industrial control systems. Today, instruments can be found in laboratories, refineries, factories and vehicles, as well as in everyday household use. DC and AC bridge measurements have been done to find the unknown values of passive components. Students can implement the basic concepts, working and applications of various types of instruments to be employable in core companies.</p>

  
Course Instructor

  
HoD/EEE