

# Guest Lecture on “Industrial Automation using Field Instruments, PLC and SCADA”

by

Mr.Madhukar Vangari , Associate Director, Prolific Systems & Technologies Pvt. Ltd , HYDERABAD on 29<sup>th</sup> July-2015

PLC stands for "Programmable Logic Controller" and its main function is to control the underlying system according to defined logic, (i.e Program). SCADA on the otherhand is "Supervisory Control and Data Aquisition" and its a big term i.e it may include just data logging/reports or it can also make decisions according to acquired data at different levels. It can communicate with multiple clients and servers for Data Exchange and other defined tasks. In short SCADA provides traceability, data acquisition, reporting & secure user management.PLC is a controller and SCADA is the network that connect all the controllers with the supervisor controller (SCADA server).

In this context a Guest Lecture on “Industrial Automation using Field Instruments, PLC and SCADA” is organized by EEE Department on 29<sup>th</sup> July, 2015 for pre-final & final year students. Resource person is Mr.Madhukar Vangari , Associate Director, Prolific Systems & Technologies Pvt. Ltd, HYDERABAD. EEE HOD, Dr.M.Uma Vani welcomed the students and the resource person to the session. Guest Lectue programme provided information on the latest technologies, trends and challenges that are taking place in the areas of Industrial Automation, Control Systems and Instrumentation.

