



Department of Electrical Engineering

### A Report on One Day Workshop On

### Industrial Automation & Embedded System (IAES-2014)

On August 25<sup>th</sup> 2014, Poornima College of Engineering, Dept. of Electrical Engineering conducted a workshop on “Industrial Automation & Embedded System”. Workshop began with a warm welcome of the guests. Formal welcome of the guest Mr. Abhinov chakraborty, Manager Vision World Tech, Mr. Radheshaym Kumawat, Embedded Engineer was done by Dr. Om Prakash Sharma Director, PCE & Sh. Shivraj Sharma HOD’s, PCE respectively.

Dr. Om Prakash Sharma Director, PCE, while addressing the student highlighted the importance of embedded system and PLC SCADA in day to day life application. He added that the time has come when everyone have to look into the spectrum of embedded automation for job placement.

Brief description of the workshop was delivered by Mr. Vaibhav Jain, Coordinator & Dy.HOD, EE, PCE.

The workshop had two parts, part A and part B. In part A seminar on the topic “Recent technical advancements” was delivered by Mr. Abhinov chakraborty, Manager Vision World Tech. He explained the need of automation and gave a description about PLC-SCADA, their brands and their modules. To have better understanding of automation system Videos were also shown.

In Part B, the hands on training session was conducted by Mr. Radheshaym Kumawat, Embedded Engineer. Working on microcontrollers was also practically demonstrated. Students were also acknowledged about the software-Proteus. Designing of system based on embedded technology was elaborated and lab practical were also conducted.

Finally the program was concluded by vote of thanks by Mr. Shivraj Sharma on behalf of the Dept. of Electrical Engineering.

