



**RAJARAJESWARI COLLEGE OF ENGINEERING**  
**RAMOHALLI CROSS, KUMBALAGODU, MYSORE ROAD,**  
**BENGALURU-560074.**



**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG**

**WORKSHOP ON: “TOUCH OF PLC IN REAL WORLD APPLICATIONS”**

- **Event Duration:** 10<sup>TH</sup> MARCH 2017
- **Venue:** Satyendranath Bose Seminar Hall.
- **Workshop Objective:** A Programmable logic controller (PLC) is a ruggedized programmable controller adopted for the control of manufacturing process such as assembly lines or robotic devices. PLC is used in any activity that requires high reliability control and ease of programming and process fault diagnosis. The Objective of the workshop is to provide awareness on programming language of a manufacturing chain, basics of ladder programming and simple structural design of logic circuits. The students are also provided with hands on training using Siemens PLC software.

- **Resource Person:**

Mr. Suhas, Esteemed Alumni 2010, Assistant Professor, Department of ECE Mechatronics, Govt Tool Room and Training Centre, Bangalore.

- **Mode of Event:** Inter College level & Intra college level
- **Target Participants:** Students of ECE, CSE, EEE, TCE & allied branches.
- **Number of students registered:60**
- **Outcome of the workshop:**

Students have learnt about

- i) Introduction and Basics of PLC.
- ii) Programming language of a manufacturing chain.
- iii) Basics of ladder programming.
- iv) Simple structural design of logic circuits.