

## **6. BASIC ELECTRONICS COMPONENTS AND CIRCUITS**

CISST, Sardar Patel University, Vallabh Vidyanagar is planning to offer a short term course on BASIC ELECTRONICS COMPONENTS AND CIRCUITS. Apart from lectures hands-on laboratory / practical sessions and on-site sessions for the testing, Identification and measurement criteria are the major components of this skill based add on certificate course.

### **COURSE CONTENT :**

Overview of basic electronics concepts, Evolution of discrete electronics components  
To study the measurement of electronics components, Study of conventional regulators  
Applications of different types of regulator circuits.

Review of operational Amplifiers, Applications of different types of Op-Amp circuits  
Review of SMD components: Theory, Identification and Measurements.

### **RESOURCE PERSONS :**

Technical experts from University Science Departments and, Sardar Patel University will be assisting to conduct the programme.

### **TARGET AUDIENCE:**

Active and Interested UG / PG / Research level students of Science, BCA, MCA, M.Sc. communications, M.Sc. electronics, IT Electronics and others can participate in this course.

### **BENEFITS OF THE COURSE :**

The course can enable the participants to gain conceptual knowledge in the field of electronics. It allows them to understand real time applications of the discrete components and can get exposure to develop practical skills to cope up with the market demand. After the successful completion of the course the candidate can start developing small projects on need basis.

**COURSE DURATION :** 30 Hours

**Minimum No. Of Registration reqrd:** 15

**Contact details & Enquiry for Registration :** Email: [swamibhavin@gmail.com](mailto:swamibhavin@gmail.com),  
[cisst\\_head@spuvvn.edu](mailto:cisst_head@spuvvn.edu)