

## Department of Electronics and Instrumentation Engineering

### REPORT

The Department of EIE organized a Workshop on **Hands on Experience in Virtual Instrumentation** during **12-13 May 2016**.

This workshop provided an opportunity to exchange ideas on the topics of importance along with thought provoking technical sessions. Resource persons delivered lecture on concepts of Virtual instrumentation, LabVIEW programming, data acquisition using LabVIEW and data acquisition using Arduino.

Hands on training sessions were conducted on LabVIEW and Arduino.

The following experts were the resource persons:

1. **Dr. M. Saravanan**, Professor & Head, Dept. of EIE, SVEC, A.Rangampet.
2. **Mr. M. Srikanth**, Assistant Professor, Department of EIE, SVEC, A.Rangampet.

A total of 51 faculty members were benefited by attending this programme.

The Outcomes of the program:

1. Acquired knowledge on Concepts of Virtual Instrumentation & LabVIEW.
2. Able to program basic virtual instruments in LabVIEW
3. Participants actively participated and interacted with Resource persons to clarify their doubts on virtual instrumentation
4. Able to acquire data using Arduino.
5. Gained knowledge on acquiring real-time data using ELVIS board and MyDAQ



Dr. M. Saravanan delivering a lecture



Dr. M. Saravanan delivering a lecture



Mr. M. Srikanth delivering a lecture



Cross section of participants



Hands on session on Virtual Instrumentation



Distribution of participation certificates by Dr. M. Sarvanan