School of Electrical and Electronics Engineering

ONE DAY FACULTY DEVELOPMENT PROGRAM ON
“Testing and measurement instrument from TEKTRONIX”

Date: 11th January 2019
Time: 01:30 PM to 04:00 PM
Venue: Discussion Room, School of EEE, C V Raman Block.
Topic: Testing and measurement instrument from TEKTRONIX

Description:
The School of EEE had organized a FDP on “Testing and measurement instrument from TEKTRONIX” on 11th January, 2019 between 01:30 PM to 04:00 PM in Discussion Room, School of EEE, C V Raman Block for the faculty of School of EEE
The FDP was conducted by Mr. Deepak T, Account Manager, Tektronix & Mrs. Harshitha, Application Engineer, Tektronix
The FDP focused on the following products:

1. TekSmart Lab
2. Keithley Range of Products
3. Power Analyzers
4. MSO 5
5. Vector Network Analyzer
6. Spectrum Analyzers

Following are the outcomes achieved:

1. Understanding the Different types of Instruments which would be helpful for Lab.
2. Understanding the Importance of these Instruments for Research.
Details of some instruments which was showcased:

**The TekSmart Lab**

![Diagram of TekSmart Lab](image)

**Fig. 1 the TekSmart Lab**

1. **Easy Setup**
   a. No need to run LAN cables
   b. No need to configure instruments
   c. Supports instruments for up to five years after discontinuation

2. **Reliable**
   a. TBX3000A features robust design
   b. TBX3000A manages connected instruments directly to reduce lab server load

**Keithley DMM Models**

**Digital Multi-Meters**

![Keithley DMM Models](image)

**NEW! DMM6500 6½-digit Bench/System DMM**
- 0.0025% DCV accuracy (1 year)
- 1 Msamples/s digitizing, 16-bits
- 10-channel scan card option

**Tektronix 4000 Series: 5½- and 6½-Digit Multimeters**
- 0.0024% DCV accuracy (one year)
- Temperature and Capacitance
- CAT I 1000V, CAT II 600V ratings