

A Report on **One-Week FDP on "Lab Taken to Class" Using MyDAQ**

Academic staff College in association with NILabVIEW academy and Dept.ECE, KLEF have organised **One-Week FDP on "Lab Taken to Class" using MyDAQ** by Mr.Anish Kumar, Sr. Application Engineer, National instruments, Mr.Shiva Manikandan, Sr.Application Engineer, National instruments and Mr.Sunil S Gowda, Sr. Application Engineer, National instruments for 23 faculty members of Dept.ECE in Room No-204 R&D Block from 10.12.2018 to 14.12.2018. Dr. M. Sujatha, Prof. Dept. ECE was the convener of this One-Week FDP on "Lab Taken to Class" using MyDAQ.

LEARNING OBJECTIVES

- Participants will reinforce their understanding of analog and digital systems.
- Participants will develop confidence in their analytical skills when working on projects with multiple systems.
- Participants will improve data acquisition skills by using many different sensors throughout the lab.

Resource Person :Mr.Shiva Manikandan, Sr.Application Engineer, National instruments

NI myDAQ is a low-acquisition (DAQ) LabVIEW-based allowing students to real-world signals. NI exploring electronics measurements. LabVIEW on the PC, process acquired simple processes



cost portable data device that uses NI software instruments, measure and analyze myDAQ is ideal for and taking sensor Combined with NI students can analyze and signals and control anytime, anywhere.

These hands-on experiments cover a wide range of topics including analog and digital circuits, sensors and signal processing. The experiments are designed from a full-system



perspective, integrating software and hardware solutions for a complete learning experience.

The one-week program came to an end with taking feedback from the participants.

