Academic
Staff College

NATIONAL INSTRUMENTS
LabVIEW
CERTIFIED ASSOCIATE DEVELOPER

DEPARTMENT OF EEE

KL DEEMED TO BE UNIVERSITY

A Report on **"3-Day Training Programme on LTC on ECT course using MyDAQ"**

Academic staff College in association with NILabVIEW academy and Dept.EEE, KLEF have organised **3-day Training Programme on LTC on ECT course 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 11 faculty members of Dept.EEE in **Room No.C-224,CSE Block** from 11.12.2018 to 13.12.2018. Dr. M. Sujatha, Prof. Dept. ECE was the convener of this 3-day training program on LTC on ECE 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 mulitple systems.
- Participants will improve data acquistion skills by using many different sensors throughout the lab.

NI myDAQ is a low-cost portable data acquisition (DAQ) device that uses NI LabVIEW-based software instruments, allowing students to measure and analyze real-world signals. NI myDAQ is ideal for exploring electronics and taking sensor measurements. Combined with NI LabVIEW on the PC, students can analyze and process acquired signals and control simple processes 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. A special thanks to Dr. K. NARASIMHA RAJU, PROFESSOR, Head of the Department, Electrical and Electronics Engineering for his support and encouragement.