



**Gokaraju Rangaraju Institute of Engineering and Technology
(Autonomous)**

Report of the Event

Title of the Event: **Workshop on Real Time Implementation of PE controlled Drives using LabView**

Organized Date: 16th April 2015 to 17 April 2015

Summary: This workshop mainly focuses on simplifying the real time implementation of any system which needs embedded control to be done a graphical programing instead of coding. Arduino, open source hardware platform is interfaced with LabView used to facilitate the implementation to acquire and generate real time signal and control. This workshop deals with the usage of National Instruments LabVIEW and its dedicated control platforms in the field of Power Electronics and Drives (PED) control applications. Specific requests of the PED field are covered with respect to the Real-Time target, formally microprocessor, and the on-board FPGA.