**G.Pullaiah College of Engineering & Technology, Kurnool**

**Department of ECE**

Report on A Five-Day FDP on “**LabVIEW**”

(Under the activities of ISTE Faculty Chapter)

From 15th to 19th Nov 2017

Department of ECE, GPCET organized a five-day faculty development program on “LabVIEW” under the activities of ISTE faculty chapter from 15-19 Nov 2017. Resource person was Mr.V.Jeejesh Kumar, Applications Engineer, VI Solutions, Bangalore.

The inaugural function was started at 9:30am at Block-3 in lecture hall B3-201. Dignitaries for the inaugural function were Dr.S.Prem Kumar, Dean, Dr.K.E.Sreenivasa Murthy, HOD-ECE, Mr.V.Jeejesh Kumar, Applications Engineer, VI Solutions, Bangalore, Dr.V.Vijay Kishore, Professor, Dr.P.RamPrasad Reddy, HOD-EEE, Mr.P.Vishnu Kumar, Asst. Professor, Coordinator. A total of 21 participants were attended the FDP.



The following concepts were taught in the five-day FDP on “LabVIEW”.

Day1:

* Introduction to LabVIEW Environment.
* Virtual Instrumentation Explanation.
* Getting started to LabVIEW Programming.
* Data Types, Data Flow Programming.
* Case structures.

Day2:

* Sequence structures.
* Formula & Expression nodes.
* Tasks using above concepts.

Day3:

* Loops.
* Shift registers.
* Arrays.
* Clusters

Day4:

* Strings
* Charts & Graphs
* File I/O
* Event Structures
* Sub VI
* State Machine
* Property nodes

Day5:

* Producer Consumer Architecture
* Master Slave Architecture
* Custom Controls
* Invoke nodes
* Introduction to Data Acquisition
* Sensor Interfacing with DAQ.

**Participants List**

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| **S.No.** | **Participant Name** | **Dept./College** |
| 1 | P.Vishnu Kumar | ECE, GPCET |
| 2 | Dr.KCT Swamy | ECE, GPCET |
| 3 | G.Rama Rao | ECE, GPCET |
| 4 | D.Rajasekhar | ECE, GPCET |
| 5 | G.Sreedhar Kumar | ECE, GPCET |
| 6 | E.Upendranath Goud | ECE, GPCET |
| 7 | V.Krishna Kanth Yadav | ECE, GPCET |
| 8 | B.Geetha Rani | ECE, GPCET |
| 9 | V.Shanthi | ECE, GPCET |
| 10 | K.Narasimhaiah Achari | EEE, GPCET |
| 11 | R.Sheba Rani | EEE, GPCET |
| 12 | K.Jagadeesh  | EEE, GPCET |
| 13 | S.Sankara Prasad | EEE, GPCET |
| 14 | P.Vinod Kumar | EEE, GPCET |
| 15 | B.Urmila | EEE, GPCET |
| 16 | K.Jayasree | EEE, GPCET |
| 17 | E.Jyothirmai | EEE, GPCET |
| 18 | P.Kishor Kumar | ECE, RCEW |
| 19 | K.V Siva Reddy | ECE, RCEW |
| 20 | M.Jyothirmai | ECE, RCEW |
| 21 | R.Himabindu | ECE, RCEW |