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

**Department of ECE**

Report on A Five-Day Workshop (Module-1) on “**LabVIEW**”

(Under the activities of IEI & ISTE Students Chapter)

From 12th to 16th Sep 2017

Department of ECE, GPCET organized a five-day workshop on “LabVIEW Module-1” under the activities of IEI & ISTE Students chapter from 12-16 Sep 2017. Resource person was Mr. R.Rajkumar, Applications Engineer, VI Solutions, Bangalore.

The inaugural function was started at 9:30am at Block-3 in VI Laboratory. Dignitaries for the inaugural function were Dr.S.Prem Kumar, Dean, Dr.K.E.Sreenivasa Murthy, HOD-ECE, Mr. R.Rajkumar, Applications Engineer, VI Solutions, Bangalore, Dr.P.RamPrasad Reddy, HOD-EEE. A total of 26 participants were attended the workshop.



The following concepts were taught in the five-day Workshop on “LabVIEW Module-1”.

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

**Participants List**

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| --- | --- | --- | --- |
| **S.NO.** | **ROLL NO.** | **NAME OF THE STUDENT** | **BRANCH** |
|
| 1 | 15AT1A0486 | S.RAJYA LAKSHMI | ECE |
| 2 | 15AT1A04B2 | T.SANDYA | ECE |
| 3 | 15AT1A0478 | B.PUSHPAK KUMAR | ECE |
| 4 | 15AT1A04E8 | Y.TINA JAIN | ECE |
| 5 | 15AT1A04E0 | A.MEGHAVALLI SUSEELA | ECE |
| 6 | 15AT1A04G2 | P.VENKATESH | ECE |
| 7 | 15AT1A04D7 | A.SUNDER CHAITANYA | ECE |
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| 14 | 16AT5A0227 | B.SARATH CHANDRA | EEE |
| 15 | 16AT5A0228 | B.SHAHANAZ | EEE |
| 16 | 16AT5A0231 | K.SHIVA KUMAR | EEE |
| 17 | 16AT5A0202 | K.AZITH | EEE |
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| 20 | 15AT1A0243 | M.MOUNIKA | EEE |
| 21 | 15AT1A0266 | B.K.SWETHA | EEE |
| 22 | 15AT1A0288 | T.VISHNU PRIYANKA REDDY | EEE |
| 23 | 15AT1A0286 | M.V.TEJASWINI | EEE |
| 24 | 15AT1A0265 | S.SAI NITHIN KRISHNA | EEE |
| 25 | 15AT1A0285 | M.V.SHANMUKHA REDDY | EEE |
| 26 | 15AT1A0212 | M.BHUVANESHWARI | EEE |