



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR 2018-2019 (ODD SEMESTER)**

REPORT

One Day Workshop on “LabVIEW Graphical Development – Hands on Training”

DATE: 12.09.2018

VENUE: AV HALL

Department of Electronics and Communication Engineering and IEEE Student Branch of our college organized a One Day Workshop on “**LabVIEW Graphical Development – Hands on Training**” on **12th September 2018**, where 1 faculty and 15 students from various Engineering colleges and 44 internal participants, totally 60 participants gained knowledge. The objective of the workshop is to provide Hands-on training on LabVIEW. The main objective of this workshop was to upgrade the skills of the students but it also provided a common platform to explore the use of Virtual Instrumentation and Design aspects using simulation with the help of **NI LABVIEW**. Participants learnt and practically contributed their complete effort. Students gained much more knowledge about practical implementations of LabVIEW under the guidance of our resource persons, **Mrs.Ka.Suriyaprabha**, Assistant Professor/Instrumentation & Control Engineering, A.V.C. College of Engineering, Mayavaram and **Mr.K.Arulselvan**, Assistant Professor/Instrumentation & Control Engineering, A.V.C. College of Engineering, Mayavaram.

Coordinators:

1. Mr.T.Jeyaseelan, Assistant Professor/ECE
2. Mrs.U.Jeyamalar, Assistant Professor/ECE

Inaugural Session:

The dignitaries on the Dais during the inaugural session were Mrs. N. Mangaiyarkarasi, Ac. Coordinator / ECE, Mr.T.Jeyaseelan, AP/ECE. The program was started with Thamizh Thaaai Vaazthu followed by welcome address delivered by Mr.T.Jeyaseelan, AP/ECE. Mrs. N. Mangaiyarkarasi, Ac. Coordinator / ECE, delivered the inaugural address, she briefed the technologies used in our day today life and the overview of LabVIEW in various applications. Mrs.U.Jeyamalar, AP/ECE, introduced the chief guests. After that the chief guests were honored by Mrs. N. Mangaiyarkarasi, Ac. Coordinator / ECE & Mr.T.Jeyaseelan, AP/ECE.



Dignitaries on the Dais



Welcome address by
Mr.T.Jeyaseelan, AP/ECE



Inaugural address by
Mrs.N.Mangaiyarkarasi, Ac.Co/ECE



Chief guests introduction by
Mrs.U.Jeyamalar,AP/ECE



Honoring the chief guests by
Mrs.N.Mangaiyarkarasi,Ac.Co/ECE



Honoring the chief guests by
Mr.T.Jeyaseelan, AP/ECE

Session 1 – Overview of LabVIEW.

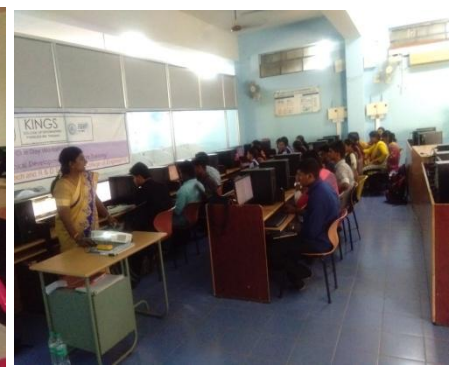
During the session, Mr.K.Arulselvan, AP/ICE, A.V.C. College of Engineering, Mayavaram, discussed brief overview of LabVIEW and its applications.



Overview of LabVIEW by Mr.K.Arulselvan,
AP/ICE, A.V.C.C.E



View of Participants



Hands on session by at DSP Lab

Session 2- Hands on training on LabVIEW.

The second session of workshop was planned to provide hands on experience with LabVIEW and application. Hands on training given by Mrs.Ka.Suriyaprabha, AP/ICE, A.V.C. College of Engineering, Mayavaram and Mr.K.Arulselvan, AP/ICE, A.V.C. College of Engineering, Mayavaram. Resource persons delivered a lecture about LabVIEW introduction, installation, procedure and hands on training given to the participants, participants' doubts were cleared.

The following areas were covered with hands-on exposure to the software:

- Brief overview of LabVIEW and its applications.
- Mathematical operations
- Digital Logic using Boolean gates
- For Loops with various examples
- Conditional While Loops
- Signal generation
- Image processing
- Practical system examples using Case Structures.
- Implementation of higher end computation using Formula Nodes.
- Hierarchical designing using Sub-VI

Valedictory Function:

The students were actively involved in the entire sessions. The program ends with valedictory. The participants shared their feedback about the training programme. Mrs. R.Ponni, AP/ECE distributed the certificates to the participants. Mrs.U.Jeyamalar, AP/ECE delivered the vote of thanks.



**Hands on session by Mrs.Ka.Suriyaprabha,
AP/ICE, A.V.C.C.E**



Feedback given by participant



**Mrs. R.Ponni, AP/ECE issuing
certificate to the participants**

We thank the management and the Principal for their constant and continuous encouragement for providing valuable directions and support in time. Finally the program ended with National anthem.