

**ALVA'S INSTITUTE OF ENGINEERING AND
TECHNOLOGY**

**Dept. of Electronics and Communication
Engineering**

**Dept. of Electronics and Communication
Engineering**

We cordially invite you to the

**Certification Course
On**

"LabVIEW and its applications"

By
Mr. Shashank Shekhar
Field Application Engineer
Trident Techlabs Pvt. Ltd.

Venue: Internet Lab

Date: 1st to 4th September 2014

To,

.....
.....

Mr. Santhosh S
Staff Coordinators

Prof. Raghavendra Rao
HOD

About the Institution

Alva's Institute of Engineering & Technology (AIET) is a premier Engineering Institute of Alva's Education Foundation established in the year 2008.

AIET is recognized by All India Council for Technical Education (AICTE), New Delhi and affiliated to Visvesvaraya Technological University (VTU), Belgaum, approved by Govt. of Karnataka. Ranked as one of the best Technical Institute in Dakshina Kannada region. AIET has established Multi-Disciplinary Research Centers viz Center for Robotics, EMS, CAD Center, Linux Lab.

About the Department

Department of Electronics & Communication was started in the year 2008-09. ECE branch is concerned with the design, development, manufacture and application of electronic devices, circuits and systems. It plays great emphasis on deep understanding of fundamental principles and state of the art knowledge about Electronic Devices and Circuits, Computer Architecture and Microprocessors, VLSI and Embedded systems, Electromagnetic Field Theory,

Analog and Digital Communication, Digital Signal Processing, Microwave and Broadband Communications, MEMS Research and Development Lab.

Scope of the Course

LabVIEW is a graphical programming environment used to develop complex measurement, test, and control systems using graphical icons and wires that resemble a flowchart. It offers unparalleled integration with numerous hardware devices and provides a large number of built-in libraries for advanced analysis and data visualization – all for creating virtual instrumentation.

Course Content

1. Introducing LabVIEW Environment
2. Comparison With Text Based Programming
3. Creating and using LabVIEW projects
4. Indicators-Controls- wiring the controls
5. VIs and functions- implementing a VI- basic arithmetics in labVIEW
6. Understanding the dataflow programming model of LabVIEW.

RESOURCE PERSON

Mr. Shashank Shekhar
Field Application Engineer
Trident Techlabs Pvt. Ltd.

PROGRAM SCHEDULE

September 1, 2014

Inauguration: 09:00 am to 09:30 am
Session 1: 09:30 am to 01:00 pm
Lunch Break: 01:00 pm to 02:00 pm
Session 2: 02:00 pm to 03:30 pm
Tea Break: 03:30 pm to 03:45 pm
Session 3: 03:45 pm to 06:00 pm

September 2

Session 4: 09:00 am to 01:00 pm
Lunch Break: 01:00 pm to 02:00 pm
Session 5: 02:00 pm to 03:30 pm
Tea Break: 03:30 pm to 03:45 pm
Session 6: 03:45 pm to 06:00 pm

September 3

Session 7: 09:00 am to 01:00 pm
Lunch Break: 01:00 pm to 02:00 pm
Session 8: 02:00 pm to 03:30 pm
Tea Break: 03:30 pm to 03:45 pm
Session 9: 03:45 pm to 06:00 pm

September 4

Session 10: 09:00 am to 01:00 pm
Lunch Break: 01:00 pm to 02:00 pm
Session 11: 02:00 pm to 03:30 pm
Tea Break: 03:30 pm to 03:45 pm
Session 12: 03:45 pm to 06:00 pm