

Registration Form for Faculty Development  
(FDP) Program on:

Application of Lab VIEW in Technical  
Education and Research

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self  
Photograph

Name: .....

Designation:.....

Institution.....

Address for Communication  
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E-mail: .....

Phone No.....

Highest Academic Qualification:.....

Experience:  
.....

Signature of the Applicant:

Signature and Seal of the Head of the  
Institute:

Date:

**APPLICATION PROCEDURE**

Applications are invited from the faculty members, Research Scholars, Industrialists for participation in the one-week Faculty Development Program sponsored by TEQIP III.

Applicants apply either by email or on plain paper indicating Name, Designation, Institution.

Address for communication, Email Qualification and Experience (total) duly forwarded by the Head of the Institution. The application should reach by **26.01.2019 (4 pm)**.

**Address for Correspondence:**

**Dr. Anindita Bora**

Assistant Professor, Department of ECE, Girijananda Choudhury Institute of Management and Technology, Azara, Guwahati

E-mail : anindita\_ece@gimt-guwahati.ac.in

Mobile Phone: 9435089138

**Ms. Namrata Katak**

Assistant Professor, Department of ECE, Girijananda Choudhury Institute of Management and Technology, Azara, Guwahati

E-mail : namrata\_ece@gimt-guwahati.ac.in

Mobile Phone: 9864842753

**Organizing Committee:**

**ADVISORY COMMITTEE :**

1. Prof. (Dr.) Dhiraj Bora, Vice-chancellor, ASTU
2. Dr. Sushanta Kumar Dutta, Principal, GIMT-G
3. Dr. Nripen Das, Registrar, ASTU
4. Dr. Mukta Ranjan Singha, Dean Academics, GIMT-G
5. Prof. Abhijit Nath, Senior Professor, Dept. of ECE, GIMT-G
6. Prof. (Dr.) Subhasis Bose, Professor, Dept. of ECE, GIMT-G

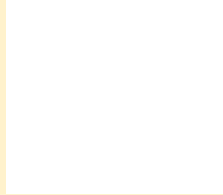
**COURSE COORDINATORS**

1. Dr. Anindita Bora, Assistant Professor, Department of ECE, GIMT-G
2. Ms. Namrata Katak, Assistant Professor, Department of ECE, GIMT-G

**MEMBERS**

1. Dr. Sharmila Nath, Assistant Professor, Dept. of ECE, GIMT
2. Ms. Gargi KarPurkayatsha, Assistant Professor, Dept. of ECE, GIMT
3. Ms. Atlanta Choudhury, Assistant Professor, Dept. of ECE, GIMT
4. Mr. Agnimitra Bora, Assistant Professor, Dept. of ECE, GIMT
5. Mr. Alokjwal Das, Assistant Professor, Dept. of ECE, GIMT
6. Ms. Madhushree Sarma, Assistant Professor, Dept. of ECE, GIMT
7. Ms. Gargi Kashyap, Assistant Professor, Dept. of ECE, GIMT
8. Ms. Subhadra Das, Assistant Professor, Dept. of ECE, GIMT

9. Mr. Basab Das, Assistant Professor,  
Dept. of ECE, GIMT
10. Mr. Dibyajyoti Borah, Project Staff,  
TEQIP-III, ASTU

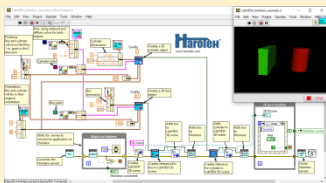


Faculty Development Program(FDP)  
on

Application of LabVIEW in Technical  
Education and Research

Date: 28<sup>th</sup> Jan, 2019 to 1<sup>st</sup> Feb, 2019

Venue: Department of Electronics and  
Communication Engineering, GIMT-G



(Under TEQIP –III)

Organized by

Assam Science and Technology University

in association with

Department of Electronics and  
Communication Engineering, Girijananda

Choudhury Institute of Management and  
Technology, Guwahati

### Objective of the Course

LabVIEW is a system engineering software that provides system-design platform and development environment. It gives the state-of-the-art way to effectively teach and learn basic and advanced engineering concepts using a graphical programming platform. Engineers and scientists rely on LabVIEW for a variety of applications: test and measurement, process control and automation, monitoring and simulation.

This FDP is formulated to introduce the fundamental principles of graphical system design using NI LabVIEW and enhance the knowledge and skill of the participants in using LabVIEW for implementing real time projects in different fields such as communication, embedded etc.

### Course Contents:

- ❖ Basic LabVIEW
- ❖ Graphical System Design
- ❖ Data acquisition and Signal conditioning using NI MYDAQ.
- ❖ MYRIO card.
- ❖ Integration of LabVIEW with Transducers and Relays
- ❖ Connection of Mechatronics Sensors .and Actuators.

- ❖ LabVIEW Integration with MATLAB, Multisim.
- ❖ Audio Processing Example.
- ❖ LabVIEW Remote Control (IOT) and creating HTML Files.
- ❖ LabVIEW Animation and Use of DSC
- ❖ Pattern /Object Recognition
- ❖ Embedded System
- ❖ LabVIEW integration with Embedded system.

### About the Organizers

Assam Science and Technology University (ASTU) is established on 4th January, 2010 by the ASTU Act, 2009 Located at Jalukbari, Guwahati-13.

### Vison of the University:

1. Give synchronized strategic and operational leadership to technical education of Assam through a unified structure.
2. Create state of the art infrastructure and train excellent academic personal to be with the international peers.

Girijananda Chowdhury Institute of Management and Technology, Guwahati campus was founded on 7th September 2006 as the first non-governmental engineering institute in Assam under the patronage of the Shrimanta Shankar Academy Society. The aim of the institute is to establish a morally sound educational system, which not only

produces competent professionals but also excellent human beings contributing towards the welfare of the Society.

The institute offers B. Tech degree in ECE, CSE ME, EE and CE and MBA, MCA and M. Tech degree in CSE, ECE and ME. The quality of education is further amply recognized when five engineering programmes were provisionally **accredited by NBA in 2016.**