

About GIMT Guwahati

Girijananda Chowdhury Institute of management and technology (GIMT) is the first Institute offering degree level technical course in the State of Assam in the Non-Government sector. The Institute was established at Guwahati, in the year 2006 with a vision to produce competent, disciplined and quality engineers and administrators having drive, skill and confidence to become the pioneers of tomorrow. The Institute has been established with approval from the All India Council for Technical Education (AICTE), New Delhi and is affiliated to Gauhati University, Guwahati, and also been affiliated to newly created university by the Government of Assam, Assam Science & Technology University. GIMT has six undergraduate courses and of Engineering five post graduate which includes MBA, MCA, and three M.Tech Programmes.

The National Board of Accreditation (NBA), under MHRD, Government of India, has also provisionally accredited five of our Under Graduate Engineering programmes (B.Tech) for academic years 2016-17 and 2017-18, i.e. upto 30th June 2018.



Front view of GIMT building

About the Application Software

Scilab and LabVIEW have become important tools for engineering students and teachers. Scilab is free and open source software for numerical computation providing a powerful computing environment for engineering and scientific applications. Scilab includes hundreds of mathematical functions. It has a high level programming language allowing access to advanced data structures, 2-D and 3-D graphical functions.

A large number of functionalities included in Scilab:

Maths & Simulation

2-D & 3-D Visualization

Optimization

Statistics

Control System Design & Analysis

Signal Processing

Application Development

Modeling mechanical systems, hydraulic circuits, control systems etc

LabVIEW is an integrated development environment designed specifically for engineers and scientists building measurement and control systems. With a native graphical programming language, built-in IP for data analysis and signal processing, and an open architecture that enables integration of any hardware device and any software approach, LabVIEW is the software to build the optimal solution that can meet custom requirements and solve the challenges at hand.

Scilab is a free and open source alternative to Matlab, which needs to be purchased at a huge cost. Thus it is useful for teachers to learn about basics of Scilab so that they can implement the same in laboratory classes.

LabVIEW provides a virtual environment where teachers and students can perform experiments and project works. LabVIEW uses graphical programming which makes it easier for students and teachers to learn it and use the application for their academic purpose. Though it is not available as open source, the basic LabVIEW software and its functionalities can be downloaded free of cost for a period of 30 days.

Faculty Development Programme

on

Application Software Scilab and LabVIEW

25-29th July 2017

Organized by

DEPARTMENT OF APPLIED
ELECTRONICS AND
INSTRUMENTATION ENGINEERING



4th Floor, Academic Building
GIMT Guwahati

GIRIJANANDA CHOWDHURY INSTITUTE OF
MANAGEMENT AND TECHNOLOGY,
Hatkhowapara, Azara, Guwahati-781017

FDP on Application Software (Scilab and LabVIEW)

About the FDP

Learning Objectives

- To demonstrate the understanding on Scilab and LabVIEW in practical problems
- To use the different tools available in these software for different engineering applications

Core Members

1. Patron: Mr. Ratul Das, President, SSA Society
2. Chairman: Prof. P. K. Dutta, Principal, GIMT
3. Vice Chairman: Prof. P. K. Bordoloi, Sr. Professor, Dept. of AEI, GIMT

Working Committee Members

1. Co-ordinator: Dr. S. Bordoloi, Asst. Prof. and HOD (i/c), Dept. of AEI
2. Ms. Ritushree Dutta, Asst. Prof., Dept. of AEI
3. Ms. Sushmita Ganguli, Asst. Prof., Dept. of AEI
4. Ms. Munmi Dutta, Asst. Prof., Dept. of AEI
5. Mrs. Karabi Deka Thakuria, Asst. Prof., Dept. of AEI
6. Ms. Chayashree Patgiri, Asst. Prof., Dept. of AEI
7. Ms. Jikumoni Buragohain, Lab Instructor, Dept. of AEI
8. Mrs. Leena Choudhury, Lab Instructor, Dept. of AEI
9. Mr. Rituraj Phukan, Lab Instructor, Dept. of AEI
10. Mr. Tridib Roy, Lab Technician, Dept. of AEI

REGISTRATION FORM

Name (in block letters): _____

Institute: _____

Designation: _____

Contact Address:

Mobile _____

Email id: _____

Signature

Forwarded by

Name: _____

Designation: _____

Official Seal

Signature

Important points:

Registration of Participants by Email:

Kindly send us the scanned/ photographed copy of the filled up form to the email id for registration
aci.gimt.guwahati@gmail.com

Confirmation of Registration: within 3 days of receipt of filled up registration form

On Spot Registration of Participants: 25/7/2017

Participation fees : ₹ 200/-

★ *Contact for queries and Information:*

Co-ordinator

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Registration

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