

*National Level Workshop on
Advance Signal Processing and Communication
using MATLAB And LABVIEW*

Organised by



Department of Electronics and
Communication Engineering
Gauhati University, Guwahati-781014

In association with

IEEE Student Branch, Gauhati University

And

RESONICS, Society for promotion of
Education and Research in Electronics and
Related Areas.

Date: 29th June to 08th July, 2015

Venue:
Computational LAB,
Dept. Of ECE,
2nd Floor, Old Arts Building,
(above University Law College)
Gauhati University. Guwahati-781014

E-mail: ecegu.workshops@gmail.com

web: www.gauhati.ac.in

Participation:

Teachers/Research Scholars/Technical
Staff/ Students from any Educational,
Research, Training Institute in the
Engineering and Science Domain.

Intake: 40 (First- Come First- Serve Basis)

Registration:

Scanned copy of Registration form should be
submitted to the

E_mail : ecegu.workshops@gmail.com

Fee: 3000/-

(2500/- for RESONICS / IEEE member/
IEEE Student Member)

Payment should be made **by the
shortlisted participants** in any of the
following modes:

(1) Demand Draft in favour of "Department
of Electronics and Communication
Engineering, GU" payable at Guwahati.

(2) Fund Transfer (or NEFT) to SBI A/C
No. **32333439351**

IFSC : **SBIN002060**

Scanned copy of the receipt should be sent
via mail if payment is done by NEFT.

Last Date of Registration : 22th June, 2015

Notification of Shortlisted
Participants

: 25th June, 2015

Contact:

- Apurba Bikash Kalita
Asst. Professor
Dept. Of ECE, Gauhati University
M-9957190573

Organising Committee:

Patron:

Dr. Mridul Hazarika,
Vice Chancellor, Gauhati University

Prof. Anjana Kakoti Mahanta
Dean, Faculty of Technology, Gauhati University

Chairman:

Jyoti Praksh Medhi
HoD i/c, Department of Electronics and Communication
Engineering, Gauhati University

Co-Ordinator:

Apurba Bikash Kalita
Asst. Professor
Department of Electronics and Communication
Engineering, Gauhati University

Asstt Co-Ordinator:

Sabyasachi Bhattacharyya, IEEE Student Member

Registration and Publicity:

- Ashok Mahato
Publicity Secretary, RESONICS
- Nabarun Chakraborty, IEEE Student Member

Event and Course Management:

- Anjan Kr. Talukdar
- Manash Pratim Sarma
- Dr. S.R.Nirmala
- Juthika Gogoi
- Aradhana Misra

Logistics (Technical):

- Dr. Subhash Chandra Rajbangshi
- Amitava Dey
- Hirak Jyoti Goswami
- Jeherul Islam

Logistics (Non-Technical):

- Ripul Kalita
- Nava Kumar Talukdar
- Bipul Patowary

Supporting Member:

- Krishna Kamal Deka
- Manash Pratim Goswami



RESONICS:

It is a society of Education and Research in Electronics and Related Areas initiated at Gauhati University.

Vision:

This forum aims at fostering and nurturing scientific talents irrespective of the programs of study. It will create a academic environment through workshops, conferences, seminar, discussion etc. This forum has the goal to have a professional network through which it will try to make a position of the University or this part of the country in the global technological map. Moreover it will have a periodical to showcase the activities of the members.



IEEE Student Branch, Gauhati University:

The IEEE student Branch GU (Branch Code STB15671) is formed at Department of Electronics and Communication Engineering, Gauhati University in the year 2014. This branch is approved under Kolkata section, located in Region 10 IEEE. This was formed with a goal to enhance the technical knowhow of the students and to explore the contemporary technologies by becoming the part of a larger professional network.

ABOUT THE WORKSHOP:

The objective of this workshop is to expose and acquaint the participants with the various tools and applications of MATLAB and LABVIEW in various fields like Mathematical Operations, Signal Processing, Image Processing, Biomedical Signal and Image Processing, Communication, Control System, System Design, Computer Vision and Wireless Communication System.

The workshop shall be conducted in a full time mode, involving lectures, practical session, demos and hands-on-practice on different topics mentioned in the detailed Workshop Syllabus.

WORKSHOP SYLLABUS:

- Introduction to MATLAB and LABVIEW
- Signal Processing
- Biomedical Signal Processing
- Image Processing
- System Design
- Biomedical Image Processing
- Computer Vision
- Communication System Design
- Wireless Communication System Design
(Hands on of all the topics will be based on both MATLAB and LABVIEW)

ABOUT THE VENUE:

The Gauhati University is located at a distance from

- ❖ LGBI Airport :10 Kms
- ❖ Railway Station(Kamakhya) :04 Kms
- ❖ Railway Station(Guwahati):10 Kms
- ❖ Bus Stand (ISBT) :08 Kms
- ❖ Bus Stand (Adabari) :03 Kms

Registration Form:

Name:_____

Designation:_____

Department/ Center/ Unit:_____

Institution:_____

Address for Correspondence:_____

E_mail ID:_____

Contact. No(s):_____

Educational Qualification:_____

Whether RESONICS / IEEE member/ IEEE Student Member (YES/NO):_____

RESONICS/IEEE Registration No._____

Signature of the applicant with Date

Recommendation from the Head of the Department/Institution

Dr./Mr / Mrs/ Miss _____

_____ is hereby recommended as a candidate for participation in the National level Workshop on Advance Signal Processing and Communication using MATLAB And LABVIEW to be held at Department of Electronics and Communication Engineering, Gauhati University from 29th June to 08th July, 2015.

Signature of the Head of the Department/Institution with date and office seal

(For Office Use Only)

Mode of Payment:_____

Amount:_____

DD No:_____

DD Date:_____ Bank Name:_____

Issuing Branch:_____

Workshop Reg. No._____

Sign. of Registration Desk_____