ABOUT THE WORKSHOP

LabVIEW provides the state-of-the-art way to effectively teach and learn basic and advanced engineering concepts using a graphical programming platform. Nowadays engineers and scientists rely on LabVIEW for a variety of applications: test and measurement, process control and automation, monitoring and simulation. The objective of faculty development program is to present theoretical and practical concepts and hands-on in LabVIEW intended to teach participants tools of LabVIEW with an emphasis on various applications.

This Faculty Development Programme will introduce the fundamental principles of graphical system design using NI LabVIEW. Hands on training with NI hardware will also be given to the participants. The experts from NI, Bangalore will conduct the training sessions.

RESOURCE PERSONS

Experts from National Instruments, Bangalore and Embedded Systems Solutions Pvt Ltd, Bangalore

TARGET PARTICIPANTS.

- ♦ Faculty members doing research in engineering colleges approved by AICTE.
- ♦ Candidates Working in industrial/ research organizations.

MANAGING COMMITTEE

Chief Patron

Er. Biju Varghese *(Chairman)*

Patrons

Dr. Mary Thomas *(Principal)*

Prof. Manoj George*(Vice-Principal)*

Dr. Abraham Chettissery*(Legal Advisor)*

Convenor

Prof. Asha Panicker *(HOD, ECE)*

Co-ordinators

Mr. Reneesh C Zacharia

Mob- 9496984783

Ms. Sunu Ann Thomas

Mob- 9605788080

(Asst.Professors, Dept of ECE)

REGISTRATION FEE

The Registration fee is Rs. 500/- for Faculty members and Rs.1000/- for industrial staff. The number of participants is limited to 30.The fee includes Lunch, Tea and Course Materials

REGISTRATION

Registration form is included in this brochure. The completed form may be sent to the mailing address of Co-ordinator with a DD drawn in favour of

"MANGALAM COLLEGE OF ENGINEERING"

SBT A/C No   : 57021525206

IFSC   : SBTR 0000114

Branch   : Ettumanoor

IMPORTANT DATES

Last date for receipt of application   : 30/ 11 /15 (by Post)

Intimation about selection (E mail)   : 5/ 12/ 15

REGISTRATION FORM

Name   :

Designation :

Institution   :

Qualification   :
(Degree, Specialization)

Age& Sex   :

Address for :
Communication

Phone No.   :

Mobile No. :

E-Mail   :

Payment Details

DD No: Bank:

Date: Branch:

Signature of the Applicant

WORKSHOP SCHEDULE

Day 1 :
08.45 – 09.00   - Registration
09.00 – 09.30   - Inauguration- Pro.VC KTU
09.30 – 10.30   - Key note on "How to prepare
                      students for a career in core
                      industries of tomorrow
                      Education"
10.30 – 11.00   - Tea Break
11.00 – 01.00   - Hands-on to LabVIEW
                      Programming
01.00 – 02.00   - Lunch Break
02.00 – 03.30   - How to design parallel
                      Programming, analysis and
                      Execution control in LabVIEW
03.30 – 03.45   - Tea Break
04.00 – 05.00   - Advanced programming Concepts

Day 2 :
9.00 – 10.30   - Introduction to Data
                      Acquisition System myDAQ /
                      Acquiring, Visualizing and
                      Processing real-time signals from
                      Sensors, and actuators
10.30 – 10.45   - Tea Break
11.00 – 1.00   - Hands on training on my DAQ
1.00 – 2.00   - Lunch
2.00 – 3.30   - Hands-on for RIO technology
3.30 – 3.45   - Tea Break
03.45 – 04.30   - Case studies and Discussions
04.30 – 05.00   - Valedictory and Certificate
                      distribution

Mailing Addres

Mr. Reneesh C Zacharia
Workshop on "**Graphical System Design in Engineering Applications**"
Department of ECE,
Mangalam College of Engineering, Ettumanoor
Email : reneesh.zacharia@mangalam.in

ABOUT MANGALAM

Mangalam Educational Society, guided by eminent and enterprising personalities, has been playing vital roles in the promotion of academic sector. Mangalam College of Engineering (MLM) stands supreme in the field of technical education with excellence and quality in education. In keeping with MLM's goal of excellence, the academic programs is supported by well experienced and dedicated faculty, which is committed to equip the student with knowledge and skills needed to succeed in today's rapidly changing world. Mangalam College of Engineering which came into existence in the year 2002 is now offering B.Tech courses in six different streams and M.Tech in seven specializations.

ABOUT ECE DEPARTMENT

The Department of Electronics and Communication Engineering (ECE) is established in 2002. Beginning with an intake of 60, the intake was increased to 120 students by 2008. The Department also conducts post- graduate programmes in VLSI & Embedded Systems from the year 2011 and Communication Engineering from the year 2013. The Department has highly qualified and motivated academic faculty having extensive teaching / research experience and have several International / National Journal and conference publications to their credit. Every year, the department organizes National level Technical Symposium / National Conference/ Workshop to promote closer interaction between academic and research scholars

FACULTY DEVELOPMENT PROGRAMME
On
"Graphical System Design (LabVIEW) in Engineering Applications"

Dec 15 & 16, 2015

Organized by
DEPT. OF ELECTRONICS & COMMUNICATION ENGINEERING
Mangalam College of Engineering
Mangalam Hills , Vettimukal P. O ,
Ettumanoor
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