

AIMS AND OBJECTIVES

Biomedical Engineering is a discipline that advances knowledge in engineering, biology and medicine and improves human health through inter-disciplinary activities that integrate the engineering sciences with the biomedical sciences and clinical practice. It includes mainly the two things- firstly, the acquisition of new knowledge and understanding of living systems through the innovative and substantive application of experimental and analytical techniques based on the engineering sciences. Secondly, the development of new devices, algorithms, process and systems that advances biology, medicine, improvement in medical practice and health care delivery. Many tools and packages are available at present to study about bio signals and systems but MATLAB and LABVIEW will play an important role to the community. The main objective of this workshop is to expose participants to MATLAB & LABVIEW tools for biomedical applications with a significant hands-on experience.

THEMES

- Exploring to LAB VIEW
- Exploring NI-ELVIS
- Data acquisition using LAB VIEW
- Exploring to MATLAB

ABOUT THE COLLEGE

Alwar Institute of Engineering and Technology has been established in 2005 by Honorable Chairman, Dr. V.K. Agarwal, Executive Director, Dr. Manju Agarwal and Director, Shri. S.P. Garg. This is the part of IET Group of Institutions, Alwar and has the affiliation from Rajasthan Technical University. Being one of the most sought after institution in India, Alwar Institute of Engineering and Technology, is committed to provide three dimensions of higher education Viz. Quality teaching, Innovative Research and Appropriate Applications of knowledge through Extension, Outreach and Consultancy Activities. The College has Five (05) departments accompanied by Undergraduate Program including one Post Graduate (MBA). All eligible programmes are accredited by

AICTE, New Delhi. The quality system of the Institute is ISO 9001:2008 certified. It is located in a sprawling green lush area, spanning 50.19 acres adjacent to the Alwar city.

ABOUT THE DEPARTMENTS

Both the departments of Bio Medical Engineering & Electronic & Communication Engineering were started in the year 2005. At present the department of BME offers B.Tech. (Bio Medical Engineering) and ECE offers B.Tech. (ECE) and shortly will come up with specified Post Graduate Degree (M. Tech.). The department has excellent infrastructure with sophisticated equipments procured from companies of repute around the world. Qualified and experienced faculty members of the department are an asset to the department. It endeavors to promote interaction with the industry and to take up R&D Activities for the betterment of society.

HOW TO APPLY

Interested Participants are required to download the registration form available on College website (www.aietalwar.com/www.ietalwar.com) and send it on or before 10.02.2012. Filled-In application in the prescribed format should reach the convener on or before 10.02.2012. The registration of the participants should be confirmed on "First-come First-served" basis, as the number of seats is limited.

ELIGIBILITY

Participation is open to Scientists, Faculty Members of AICTE/UGC approved institutions/University, Students, Policy makers & Workers involved close to the themes of the conference.

REGISTRATION FEE

- Rs. 2,100/- for Participants requiring accommodation (twin sharing in College campus.) + food for three days of training.
- Rs. 1500/- Participant not requiring accommodation.
- Rs. 3,000/- for Participants sponsored by Industry.

Fee should be paid through D.D. drawn in favour of "AIET, Alwar" payable at Alwar through any nationalized bank. No TA / DA will be provided.

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knowledge solutions

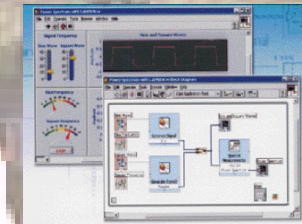
www.itie.in



www.aietalwar.com

National Workshop ON *Real Time Applications of LABVIEW and MATLAB in Engineering*

February 24 – 26, 2012



In Association with
**Integrated Technologies for Industry and
Education (itie), Bangalore**

Organized by
**Department of Bio Medical Engineering
and
Electronics and Communication
Engineering**

**Alwar Institute of Engineering and
Technology**
(Estd. in 2005)

North Extension, M.I.A, Alwar – 301030.

Website: www.aietalwar.ac.in

Ph: 914422751347/48/50

Fax: 914422750520

Email: bioom85@yahoo.com

CHIEF PATRON

Dr. V. K. Agarwal, Chairman, IET Group

PATRONS

Dr. Manju Agarwal, Executive Director, IET Group

Shri S. P. Garg, Director, IET Group

CONVENER

Prof. (Dr.) A.K.Srivastava

ADVISORY BOARD

Prof. (Dr.) Neelam Sharma

Prof. P. K. Diwedi

Prof. Hemraj Saini

Prof. A.K.Sunhal

LOCAL ORGANIZING COMMITTEE (LOC)

Prof. L. K. Sharma Chairman

Prof. D.L.Suthar, Member

Prof. Pankaj Gupta, Member

Er. Om Prakash Singh, Member

Er. Anil Mahawar, Member

Er. Amit Malik, Member

Er. Manisha Khandelwal, Member

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Er. Honey Joshi, Member

Er. Sanjay Kumar, Member

Er. Ankit Pawar, Member

Er. Hemant Saini, Member

Er. Nishant Sharma, Member

Er. Parul Trivedi, Member

Er. Rubina Gujral, Member

Er. Hansa Rani Gupta, Member

Er. Omprakash Singh Convener

TENTATIVE RESOURCE PERSONS

Prof. (Dr.) Sunil Kr. Sigala, Thapar University

Er. Sanjeev Kubakaddi, ITIE Knowledge Solution, B'lore

Dr. R.B. Bhatt, ITIE Knowledge Solution, B'lore

ORGANIZING SECRETARY**Address for Correspondence**

Er. Om Prakash Singh/Er.Ashutosh Narayan Mishra

National Workshop on RTALME'12,

Department of Bio-Medical Engineering

Alwar Institute of Engineering & Technology, MIA,

(Alwar), Rajasthan-301030 Phone: +91 144

5121078; Mobile: 07665634172/09024139654;

Fax: +91 144 2882370

E-mail:biom85@yahoo.com; mishra.as123@gmail.com

PROGRAM SCHEDULE**DAY - 1**

Forenoon (9:00 A.M. to 1: 00 PM)	Introduction on NI ELVIS
Afternoon (2:00 PM to 5:00 PM)	Hands – On Elvis

DAY - 2

Forenoon (9:00 A.M. to 1: 00 PM)	Introduction on DAQ Card with Lab View Using NI ELVIS
Afternoon (2:00 PM to 5:00 PM)	Hands – On DAQ Card with Lab View Using NIELVIS

DAY - 3

Forenoon (9:00 A.M. to 1: 00 PM)	Matlab Tool for Engineering
Afternoon (2:00 PM to 5:00 PM)	Wavelet Tool, Signal Processing Tool Box, etc.

National Workshop

On

**Real Time Application of LABVIEW and
MATLAB in Engineering**

24 – 26, February, 2012

REGISTRATION FORM

1. Name:.....

2. Designation:.....

3. Affiliation:.....

4. Name of Department:.....

5. Address for Communication:.....

PIN:.....

6. Telephone Number:

7. Mobile No.....

8. E-mail ID:.....

9. Academic Qualifications:.....

10. Specialization:.....

11. Experience in years:.....

Teaching:.....Industry:

12. Accommodation Required: Yes No

Date:.....

Signature of participant

DEPARTMENT OF BIOMEDICAL ENGINEERING
&
ELECTRONIC AND COMMUNICATION ENGINEERING
ALWAR INSTITUTE OF ENGINEERING & TECHNOLOGY
NORTH. EXT. M.I.A , ALWAR (RAJ.) - 301030



Registration Open
15th Jan. – 10th Feb. 2012

ORGANIZING
National Workshop
ON

Key Speaker:
Er. Sanjeev Kubakaddi, itie, B'lore
Dr. R.B.Bhatt, itie, B'lore
Prof. (Dr.) Sunil Kr. Sigala, Thapar

“REAL TIME APPLICATIONS OF LAB VIEW AND MAT LAB IN ENGINEERING”

In Association with
Integrated Technologies for Industry and Education (itie), Bangalore

VENUE: AIET, ALWAR

DATE: 24th – 26th FEBRUARY, 2012



PROGRAM SCHEDULE	
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Forenoon	Introduction on NI ELVIS
Afternoon	Hands - On-ELVIS
DAY - 2	
Forenoon	Introduction on DAQ Card with Lab view Using ELVIS
Afternoon	Hands - On-DAQ Card with Lab View Using ELVIS
DAY - 3	
Forenoon	Matlab Tool for Engineering
Afternoon	Wavelet Tool, SPT etc.

INAUGURAL CEREMONY:

TIME: 8: 30 A.M.

DATE: 24th FEBRUARY, 2012

INSTITUTIONS OF IET GROUP



IET COLLEGE



SUN RISE UNIVERSITY



FSTM, SINGAPORE



ALWAR PHARMACY

Address for Correspondence

Er. Om Prakash Singh / Er. Ashutosh Narayan Mishra

National Workshop on RTALME'12,

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