

ABOUT CTAE UDAIPUR

The College of Technology and Engineering, Udaipur (CTAE) is a constituent college of the Maharana Pratap University of Agriculture and Technology (MPUAT), Udaipur. The college was started in 1964 with a Graduate Programme in Agricultural Engineering. Presently the CTAE has B.Tech programmes in 8 branches, M.Tech. programmes in 12 disciplines and PhD programmes in 9 disciplines. It is situated at about 7 km from Udaipur city railway station & bus terminal and 2 km from Rana Pratap Nagar railway station. The college is actively engaged in Research & Training in various disciplines of engineering and pursuing number of research & extension projects of National & International repute. The college has undergone the MOU s and collaborations with a number of Indian and Foreign Organisations.

ABOUT DEPARTMENT OF ECE

The department of ECE has made significant contributions in Research, training and Teaching. The department has earned a number of externally funded research projects sponsored by Department of Electronics and Information technology, MCIT, Govt. of India, AICTE, New Delhi, Department of Science & Technology etc and published significant research contributions in the journals of high impact factor.

ABOUT TEQIP

CTAE has been bestowed with the prestigious Technical Education Quality Improvement Program (TEQIP) for strengthening institutions to improve learning outcomes and employability of graduates by ministry of Human Resource and Development, Government of India. This project is a World Bank initiative to improve efficiency and effectiveness of the technical education system.

BENEFITS TO THE WORKSHOP ATTENDEES:

1. The students will get the hands on session on the software simulation tool LabVIEW.
2. They will get the basic knowledge of the technologies required in the industrial world which will help them during their placement drives.
3. They will also get a certificate of participation.
4. They will get an opportunity to get the talent scholarship, if they apply to Master degree programme of Jaen University, Spain, in the field of IT.
5. Students can clarify their doubts in person for their higher education.

WORKSHOP CONTENT

Day 1: 20 July 2017

Session : I

- Introduction to University of Jaen, Spain : Its Master program and Various scholarships offered
- FAQ Session:
 - a) What is LabVIEW?
 - b) What can I do with LabVIEW?
 - c) Why is LabVIEW so useful for instrumentation?
 - d) Is LabVIEW beneficial for my/student's carrier?

Session : II

- LabVIEW, MAX, specific controllers/drivers and toolkits
- My first project. The Front Panel and Block Diagram
How to execute the program .How to display the program flow , How to display and control the program flow
- Important hints that you have to keep in mind
- Minor Project 1: computing the area of a triangle

Day 2: 21 July 2017

Session : III

- Types of data in LabVIEW
- Flow control structures in LabVIEW :Case Structure , For Loop and While Loop Time Structure, Flat sequence and Math Script
- Property node: an eternal and graceful loop , Modular programming , SubVIs
- Minor project 2: Designing Calculator using LabVIEW.

Session : IV

- Instruments configuration with LabVIEW. First steps with MAX , Why is LabVIEW so useful for instrumentation , LabVIEW MAX, specific controllers/drivers and toolkits Most important drivers and ports involved
- Third parties instruments: tips and hints , Problem Statement and
- Quiz

SPEAKERS

Eminent Speakers from University of Jaen, Spain

REGISTRATION

Registration Fee

Students from CTAE : NIL
Students from other institute : Rs 1000/-

The fee should be submitted, along with the filled registration form, a copy of college I-Card and Bank Draft drawn in favour of "The Dean, CTAE Udaipur" payable at Udaipur. Scanned copy of the form should also be sent by E-mail to navneetctae@gmail.com

Last date of Registration : July 15, 2017

Brochure is available on institute web site www.ctae.ac.in

GENERAL INFORMATION

Accommodation and travelling expenses are to be borne by the participants/ sponsoring agency. The participant will not be paid any TA/DA. Working lunch will be provided by the organizers.

ELIGIBILITY AND NUMBER OF SEATS

The workshop can be attended by B.Tech (Final and Pre final year only) of ECE/EE/CSE/IT branches only. There are only 50 places for the students who can attend the workshop but the introductory seminar about the University of Jaen can be attended by as many students who want to attend it. **All the 50 students will get the certificate of participation in the workshop. Registration will be made on the basis of first come first serve basis.**

Chief Patron

Prof (Dr.) U. S. Sharma

Hon'ble Vice-Chancellor, MPUAT, Udaipur

Patron

Dr. S. S. Rathore

Dean

CTAE, MPUAT, Udaipur

Workshop Chair

Dr. Sunil Joshi

Professor & Head

Department of ECE, CTAE, MPUAT

Organising Secretary

Dr. Navneet Agrawal

Organising Committee

Dr. Naveen Jain	Dr. Jai Meherchandani
Dr. Trilok Gupta	Dr. Vinod Yadav
Dr. Vikramaditya Dave	Dr. Chitranjan Agrawal
Dr. Lokesh Gupta	Dr. M.S.Khedia
Dr. Kalpana Jain	Dr. B. L. Salvi
Dr. R. S. Shekhawat	Dr. Pranay Joshi
Dr. Suriti Gupta	

Contact us

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Asstt. Professor

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REGISTRATION FORM

2 Days workshop
On

LabVIEW and its Applications

(July 20-21, 2017)

Name
(In block letters)

Branch and Year

Institution

Mailing Address

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Phone (M)

E-mail

Details of Registration Fee-

DD No. Date

Bank Name

Amount Rs

Date Signature of Applicant

Signature of Forwarding Authority with Seal

2 Days workshop

On

LabVIEW and its Applications

(20-21 July 2017)

Under

TEQIP



In association with



University of Jaen, Spain



Organised by

**Department of Electronics and
Communication Engineering**

Maharana Pratap University of Agriculture and Technology,
Udaipur-313001