

Accommodation

On prior request, accommodation may be provided to the participants on payment basis in the Institute hostels/Guest house of NIT, Rourkela as per availability. The Institute hostels and Guest house room rent will be charged as per actual.

Important Dates

Last date of receipt of application form	2nd Dec 2015
Notification to participants	5th Dec 2015
Course Commencement	14th Dec 2015

Contact Details

Prof. Umesh C. Pati: 0661-2462456 (O), +91-9438622795
Mr. Aditya P. Biswal: 0661-2464453 (O), +91-9776933517

Address of Correspondence

Coordinator, **Design and Implementation of Instrumentation Systems using LabVIEW**

Department of Electronics & Communication Engineering
National Institute of Technology
Rourkela-769008, Odisha
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adityaprasad2014@gmail.com

NOTE : Please mention on the envelope "**Design and Implementation of Instrumentation Systems using LabVIEW**"

Registration Form

A Short Term Course on

Design and Implementation of Instrumentation Systems using LabVIEW

(14th - 19th December, 2015)

1. Name: _____
2. Sex (M/F): _____
3. Category: Student/Faculty/Industry
4. Organization: _____
5. Highest Academic Qualification: _____
6. Address of correspondence: _____

Phone/Mobile: _____

Email: _____

7. Accommodation Required: YES/NO
(Hostel/Guest House)

8. Bank Draft Details:

Amount: _____ Draft No: _____

Drawn On _____

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the course. I also agree to inform the Coordinators in case, I am unable to attend the course.

Date: _____

Place: _____

Signature of Participant

Forwarding remarks of Head of the Department/Institute.

Signature with seal

Short Term Course
On

Design and Implementation of Instrumentation Systems using LabVIEW

(14th – 19th December, 2015)

Coordinator
Prof. Umesh C. Pati



Organized by

Dept. of Electronics & Communication Engineering
National Institute of Technology
Rourkela-769008, Odisha,
India

In technical association with



Course Objective

The main objective of this short term course is to provide an opportunity for students, research scholars, faculty and industry personnel to get an exposure in the field of instrumentation engineering. This course provides an insight into the field by discussion of necessary theoretical background as well as demonstration through simulation and hardware implementation.

Course Highlights

- Concepts on the Instrumentation Systems
- Basics of LabVIEW Programming
- Application development using LabVIEW
- Hands-on Operations with National Instrument (NI) DAQ
- Design of Data acquisition Applications using NI-DAQ
- Control System and Image Processing toolbox in LabVIEW
- Expert lectures from eminent academicians from **IITs** as well as **NITs** and professionals from **National Instruments (NI)**.

Intended Attendees

The course is open to students, research scholars, faculty members of engineering institutions and working professionals. Number of participants will be limited to **30** on first come first serve basis.

About National Institute of Technology, Rourkela

National Institute of Technology (NIT), Rourkela was founded as Regional Engineering College, Rourkela in the year 1961. It is a prestigious Institute with a reputation for excellence at both undergraduate and postgraduate levels, fostering the spirit of national integration among the students, a close interaction with industry and a strong emphasis on research, both basic and applied.



Main entrance of NIT, Rourkela

WebSite

<http://www.nitrkl.ac.in/Academic/1Department/ec/cep/InstrumentationSystems.aspx>

Location

The city of Rourkela is a bustling industrial town, cosmopolitan by nature and is well connected to all parts of the country by road and rail. It is en-route Howrah-Mumbai main line of South-Eastern Railway. Nesting amidst greenery on all sides, NIT campus is approximately 7 km from Rourkela railway station. The nearest airports are Ranchi, Kolkata and Bhubaneswar, which are well connected by trains.

About Dept. of Electronics & Communication Engineering

The main objective of the Electronics & Communication Engineering (ECE) department is to impart high quality education and research. The major research areas of the department include Instrumentation Engineering, Communication Engineering, Signal Processing and VLSI & Embedded Systems. The ECE department is handling several research projects sponsored by external funding agencies. Virtual and Intelligent Instrumentation Lab of ECE department has been recently setup with the financial support from Department of Science and Technology, Government of India under FIST program and technical support from National Instruments.



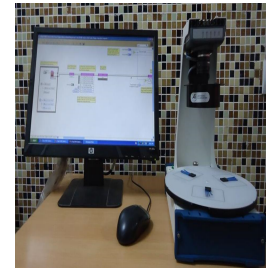
NI cDAQ-9188



NI cRIO-9075



NI USB-6211, USB-6008



NI Smart Camera Platform

Registration

Registration fees -

Rs. 5000/-: Working Professionals/Faculty

Rs. 4000/-: Students

Payment should be made in the form of a Demand Draft in favour of **"Continuing Education, NIT, Rourkela"** payable at **State Bank of India, NIT Campus Branch. (Code: 2109)**. The course fee does not include meals, accommodation & traveling.

How to Apply

Hard copy of duly filled and signed registration form and duly approved by Head of Department or Head of Institution along with the bank draft of registration fee should reach the coordinator on or before **2nd Dec 2015**. However, scanned copy of registration form and demand draft may be sent through email for early registration.