REGISTRATION FORM

1. Name:

2. Designation with Department:

3. Institution:

4. Address for Correspondence:

5. Mobile No and email:

6. Qualifications with Specialization:

7. Experience (in years):

8. Accommodation required (yes/no):
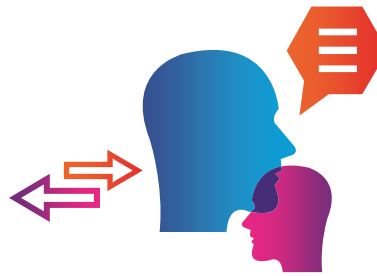
9. Payment Details:

DD No.   Date   Bank

Date   Signature of the Applicant

Sponsorship Certificate

Dr./Mr./Ms ……………………………………………………………
……………………………………………………………………. is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on *Virtual Instrumentation for Engineers,* if he/she is selected.

Date   Signature of Head of the Institution

(Seal)

ACADEMIC COORDINATOR

Dr. Jacob Thomas V
Principal
College of Engineering, Kallooppara
Call (+91) 8547005034
e-mail : ihrd.fdp@gmail.com

COURSE COORDINATORS

Dr. Jyothiraj V.P.
Dept. of Electronics Engg.
College of Engineering, Chengannur
Call : (+91)9847146347

Mr. Ayoob Khan T.E.
Dept. of Electronics Engg.
College of Engineering, Chengannur
Call : (+91)9447556722

IMPORTANT DATES

Last date of receipt of application: 22nd August, 2016

Intimation of selection by e-mail: 25th August, 2016

CONTACT US

For further information if any required, please contact the course coordinator(s) directly by telephone or by email to *fdp@ceonline.edu*

IHRD, Prajoe' Towers,
Vazhuthacaud,
Thiruvananthapuram - 14

(+91) 471-2323-597
(+91) 471-2322-985

email: director@ihrd.ac.in
website: ihrd.ac.in

Virtual Instrumentation for Engineers

Organised by

Institute of Human Resources Development Thiruvananthapuram

Duration
September 05 to September 09, 2016

IHRD

COURSE FEE

The course fee is Rs. 35,000/ per participant.

HOW TO APPLY

Registration form in the prescribed format duly filled in, along with non-refundable DD drawn in favor of *The Academic Coordinator, IHRD-FDP, payable at Kallooppara or transfer the course fee through netbanking to A/c No.67359043802 (IFSC code SBTR0000464).* *Demand Draft is* to be sent to the following address
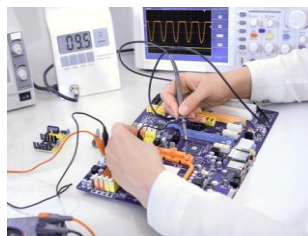
The Academic Coordinator
FDP on "Virtual Instrumentation for Engineers"
Institute of Human Resources Development
Vazhuthacaud, Thiruvananthapuram- Pin 695 014.

A sponsorship certificate from the institution is mandatory. The last date of receipt of applications along with the required fee is **August 22, 2016**. It is also mandatory to send scanned copy of the application and demand draft by e-mail to *fdp@ceconline.edu*

Course Content

- ➢ *Basics of Instrumentation*
- ➢ *Concepts of Virtual Instrumentation*
- ➢ *Advanced Virtual Instrumentation*
- ➢ *Design, Modelling, Analysis and Health monitoring of Sandwich Structures*
- ➢ *DIP Techniques used in VI*
- ➢ *Sensors and Instrumentation*
- ➢ *Familiarisation on VI software and hardware*

Targeted Audience

Faculty members from AICTE approved Engineering Colleges, from Mechanical, Electrical, Electronics and Computer Science are eligible to attend

VENUE

College of Engg., Chengannur, Alappuzha, Kerala.
Airport : Nedumbassery 110 km.
Trivandrum 120 km
Rly Stn.: Chengannur 1 km
Bus Stn.: KSRTC Chengannur
½ km (MC Road)
website : www.ceconline.edu
Call : *+91-479-2454125*

ACCOMMODATION

IHRD will arrange for food and accommodation of the participants, based on prior request. No TA will be paid for the participants.

About IHRD

The State of Kerala has ever been a model to the whole country not only for its high level of standards in overall human development but also for its sparkling performance in technical education in Kerala. Established in 1987 as the State's first self-financing education institution, the purpose and aim of such an institution was to improve the technical education standards in the state on a cost-sharing basis; between the public and the state government. The pioneer and catalyst in the ever improving technical education in the State, IHRD has now under its wings 15 technical higher secondary schools, , 8 polytechnic colleges, 44 colleges of applied sciences and 9 engineering colleges.

Course Objectives

Faculty Development Programme on "*Virtual Instrumentation for Engineers*" is an interdisciplinary training programme for Mechanical, Electrical, Electronics and Computer Science faculties of Engineering Colleges. The course is aimed to provide the advanced Virtual Instrumentation concepts and practices in engineering field. It comprises of theoretical sessions which discusses the Digital Image Processing techniques, Sensors and Instrumentation for Virtual Instrumentation and Design, Modelling, Analysis and Health monitoring of Sandwich structures. Hands on training sessions on LabView software by industry experts are also included in this course. This software integrates most of the modules that engineers of all disciplines need to build a wide range of applications in less time. Virtual Instrumentation offers a development environment for problem solving, accelerated productivity and continual innovation.

The participants will get an exposure to the existing capabilities and limitations of Virtual Instrumentation

Resource Persons

Eminent faculties and scientists form nationally reputed institutions and research organisations will lead the theory classes. Practical sessions will be handled by experts from industry. Some of the confirmed speakers are

- ➢ **Dr. Sethunadh R**
  Head, BBTS Section
  QDTE/SR, VSSC Trivandrum

- ➢ **Dr. Pradeep K.R.**
  Operational Launch Vehicle Team
  VSSC, Trivandrum

- ➢ **Dr. Anoop C.S**
  Asst. Professor, Dept. of Avionics
  IIST, Valiamala, Trivandrum

- ➢ **Dr. S. Esakkirajan**
  Associate Professor
  PSG College of Technology

- ➢ **Er. Jiyo Mathew**
  Field Application Engineer (NI)
  Trident Techlabs Pvt. Ltd.
  Bengaluru

- ➢ **Er. Raghul Nath R.**
  Field Application Engineer (NI)
  Trident Techlabs Pvt. Ltd.