Organizing Committee

Dr. (Mrs) R. C. Aiyer: Project Scientist, Center for Sensor Studies, University of Pune.

Prof. A. D. Shaligram: Coordinator, CSS, Head, Dept. of Electronic Science, University of Pune.

Faculty: Mr.. Vishwas Kale, Managing Director, Vijayesh Instruments Pvt. Ltd., Pune

About Organizers

The University of Pune is one of the premier Academic Institutes in the country imparting knowledge to thousands of students in various disciplines.

The University has established "Centre for Sensor Studies" (CSS), in March 2006, under the "Potential of Excellence Program", first phase, from University Grants Commission to encourage interdisciplinary research, to bring University-industry people together, to collect data regarding sensor work all over the world etc. Teachers form Physics, Electronic Science, Zoology, Chemistry, and Institute for Bio Informatics and Bio technology and Instrumentation Science departments contribute in the Centre's activities.

CSS is organizing the present workshop as one of its activities with the help of Mr. Vishwas Kale, Managing Director, "Vijayesh Instruments Pvt. Ltd", who is well known at national and inter national industries for his contribution in the field of instrumentation and Calibration.

Contact Details:

Prof. A. D. Shaligram
Coordinator,   CSS,
Head, Electronic Science Dept.
University of Pune,
Pune , INDIA –411007
Email: adshaligram@gmail.com
rca@physics.unipune.ac.in
Tele: +91 020 25691018
Fax:: +91 020 25699841
Websites
www.electronics.unipune.ac.in
www.unipune.ac.in

HALF DAY WORKSHOP

ON

CALIBRATION

Dates: 17st Dec 2011

Organized by

Centre for Sensor Studies
Department of Electronic Science
University of Pune
Pune, Maharashtra

Venue
Centre for Sensor Studies
Department of Electronic Science
University of Pune
Pune: 411 007

About the Workshop

Calibration is one process that is done in almost all industries, be it publishing, medical, or commercial. Calibration is the process of checking machines and making sure that values used in measurements remain at the standard points. It is the process of verifying work of machines and performance within a set of specifications.

The errors involved because of invalidity of calibration may be subtle. On the other hand even the most sophisticated industrial equipment will not be useful unless it is calibrated. Through calibration, adjustments are made to a piece of equipment ensure that it performs as expected, that it can be relied on to deliver predictable, accurate results that meet the quality standards.

The workshop is aimed at exposing the participants to the various aspects of Calibration of Equipments and its certification and will be useful to the teachers, research students people working in industries and scientists.

Topics to be covered:

- Basic Concepts and Definitions
- History and Why Calibration Checks
- ISO Impact
- Traceability Requirements
- Actual Testing
- Making Certificate Requirements
- Training of Personnel
- Limitations of Testing
- Deciding acceptance of Reports
- Tolerance Decisions
- Requirements of Calibration Laboratory
- Accreditation Requirements
- Demo testing of Temperature Sensors and Instruments
- Demo Testing of Pressure Gauges
- Case study of Furnace Mapping
- Q/A Session

Benefits and Learning Objectives

Participants will acquire understanding of Calibration process, certification and could see the demonstration of calibration instruments and associated test issues

Intended Audience

The workshop is open to all participants from Industry, Academic Institutes, Students and Researchers. Those having some background of engineering are encouraged.

Registration Deadline: 10 December 2011

Registration fee: 750/-

Maximum Number of Participants: 25

DD should be drawn in favor of "Registrar, University of Pune, Pune", payable at Pune. ,

Accommodation: No accommodation will be provided.

Registration Form

HALF DAY WORKSHOP

ON

CALIBRATION

Name: ....

Designation: ....

Department/College: ....

Organization: ....

....

Mailing address: ....

....

Telephone (with code)   (Office)...

(R)/Mobile: ....

Email: ....

DD No: ....Date: ....

Amount: ....Bank: ....

Date: Signature