

# PROGRAMME

*July 2<sup>nd</sup>, 2018 (Monday)*

**Registration Fees** **Rs. 500/-**

**Event** **Time (Hrs)**  
**0600 (PM)**  
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**0900(PM)**

Recitation from Holy Quran **0600 – 0605**

Opening Remarks **0605 – 0610**

## Seminar Outline

Types of instrument maintenance, instrument servicing, maintenance record, and tools of maintenance **0610 – 0730**

Different types of instrumentation parameters and equipment, Functionality, calibration modes.

**Tea and Namaz Break** **0730 - 0800**

Calibration of P/I and I/P transmitters, flow, level, pressure and temperature transmitters/sensors **0800 - 0830**

**Award of Certificates** **0830**



## Usman Institute of Technology

Continuing Professional Development  
Short Course on

## INSTRUMENT CALIBRATION IN PROCESS INDUSTRY

*(0.5 CPD Credit Point)*  
On

*July 2<sup>nd</sup>, 2018*

At

**Usman Institute of  
Technology (UIT),**

### Resource Person

*Engr. Ahmed Ali*

Lecturer

Department of EEISD

Yanbu Technical Institute, KSA



## Purpose and Objectives

The Purpose of this CPD Activity is to provide the technical knowledge of industrial instrumentation calibration and industrial maintenance. It involves the study of the various types of instrument maintenance, instrument servicing, maintenance record, and tools of maintenance. Topics on different types of instrumentation parameters and equipment, its functionality, calibration modes, calibration of P/I and I/P transmitters, flow, level, pressure and temperature transmitters/sensors calibration topics are included.

## Special Features

- ❖ A certificate will be awarded to the participants.
- ❖ As per the implemented Continuing Professional Development System by PEC, 0.5 Credit Points will be awarded to the Registered/Professional Engineers, who have attended the workshop and earned the certificate.

## Venue of the Course:

Usman Institute of Technology (UIT), ST-13, Block 7, Gulshan-e-Iqbal, Abul Hasan Ispahani Road, Opposite Safari Park.

## Who can attend?

- ✓ All Engineers registered with PEC. (Non-Engineers may also apply)
- ✓ Academicians from Higher Education Institutes.

## What is the fee?

Registration Fee is Rs. 500/- for Engineers, Professionals and Students (includes certificate and High-Tea)

## Requirements to attend the Course:

- ❖ Please provide the filled registration form uploaded on the UIT website (<http://www.uit.edu/cpd.aspx>).
- Name, Qualification, Organization
- PEC Registration No.
- Contact Number (cell, phone, e-mail)
- Address (department, business, etc.)
- **Registration Fee:** In form of Cash at UIT campus finance department

## **For Further Information, contact;**

Engr. M. Asad Hussain (03333251344)  
Muhammad Imran (03332409666)

## Instructor's Profile:

ENGR. AHMED ALI has more than 11 years of teaching and industrial experience. He is currently working as Lecturer in Electrical, Electronics and Instrumentation Skills Department (EEISD) at Yanbu Technical Institute (YTI), Royal Commission, Yanbu Al Sinaiyah, KSA. From 2009 – 2013, he was an Assistant Professor at N.E.D University of Engineering Technology, to teach Graduates Students. Before that he was Assistant Professor at Hamdard University. From 2009 – 2010, he was Assistant Professor in IQRA UNIVERSITY. 05 years' practical experience of Industry to supervised instruments & automation projects, he was also a Project Engineer in Techno Source.

He received his ME (Electronics Engineering with specialization in Industrial Electronics) degree from N.E.D University of Engineering Technology. He is certified Professional Engineering (PE) from Pakistan Engineering Council (PEC) Islamabad. He is also certified CEP course of PLC from SIEMENS, Pakistan. He has also attended various professional training in the field of Industrial Automation, Smart Transducer, PLCs, and Industrial Electronics.

Engr. Ahmed was served as a coordinator of Continuing Professional Development (CPD) Program in Pakistan Engineering Council (PEC), Islamabad for Professional Engineers (PE) members. They arranged a series of seminars & workshops at the platform of Continuing Professional Development for PEC.

