



## Short Course on:

1. Applied Process and Plant Design
2. Industrial Hygiene & Hazardous Waste Management
3. Hazardous Materials Transportation & Communication

AT PIEAS, NILORE, ISLAMABAD  
ON 2-6 JANUARY 2017

The Department of Chemical Engineering (DChE) is offering a short course covering some key aspects at any industrial facility. The speakers are:

- ◆ **Prof. Sean Moran**, a Chemical Engineering Consultant Specializing in Water and Environmental Engineering based at Wirksworth, Derbyshire, United Kingdom
- ◆ **Dr. Abdul H. Khalid**, PhD, CHMM, RPIH, Chemical Engineer/Industrial Hygienist based at USA

Topics to be covered are:

- Plant layout and use of spread sheet program
- What if Analysis, statistical tools and visual basic for smarter plant design
- Industrial hygiene while protection of environment & public health
- Hazardous Waste Management under RCRA Subtitle C
- Hazardous Waste Identification & Classification
- Hazard Classes and Pictogram etc.
- How to properly identify and classify HM for transportation
- How to handle, pack, and mark a HAZMAT
- Awareness of security threats relating to hazardous materials

**Registration fee is Rs. 15,000/- for full course and Rs. 6,000/- for each module.**

**(Program is subject to change depending upon the availability of the recourse persons)**

PLEASE SEND YOUR  
**NAME, DESIGNATION, ORGANIZATION, CNIC NUMBER, CONTACT NUMBER,  
EMAIL AND ADDRESS** ALONG WITH THE REGISTRATION FEE IN FORM OF  
CHEQUE/DRAFT IN FAVOR **HEAD LAO PIEAS** AT THE ADDRESS PROVIDED.

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