

PROGRAMME

April 11, 2013

Event	Time (Hours)
Registration	0800 – 0830
Recitation from Holy Quran	0830 – 0835
Opening Remarks	0835– 0845
Part-1 Introduction to Type of Heat Exchangers & Application	0845 - 1000
Part-2 Design associated problems & repair solutions of tubular Heat Exchangers in practice Various methods of maintenance PAIE GROUP introduced	1015 – 1200
Part-3 Potential Projects to work on Sum up	1230 – 1400
Q & A session & Sharing Ideas	1400 – 1415
Award of Certificates	1415 – 1430



**American Society of
Mechanical Engineers
UET KSK Chapter**

**Continuing Professional
Development Seminar
Heat Exchangers, Applications,
Repair & Maintenance in Industry**

*On
April 11, 2013
at
Mechanical Engineering Department
UET Lahore KSK Campus*

Resource Person

Engr. Ijaz M. Chaudhary
Managing Director,
PAIE Group



Purpose and Background

The presence of big gap in between institute and industry should be reduced by arranging not only lectures but also industrial visits to understand the practices and needs of the industry. The institute may then be able to become more productive in producing not only reliable professional engineers but also become R & D platform, which will increase its reliability in the industrial sector. That will lead to a practice where industrial organizations will love to come and select final year students with great interest. That will also create an environment among the students to become more ambitious & productive to reach the goals of their national industry.

PAIE GROUP is a Service Company providing new solutions to old problems of the industry with Innovation, Competence & Reliability. We serve the industry on Heat Exchangers, Chillers & AC Systems, Heat Recovery Power Plants, Steam Turbines, Diesel Fired Power Plants and offer repair, maintenance /cleaning with CO₂ /N₂ /Chem. or Mech. means. PAIE GROUP also handles Turn Key Projects of Coal Gasification or Coal Fired Power Plant. The subject course will cover the following topics:

- ❖ Introduction to Heat Exchangers & Application
- ❖ Repair & Maintenance Methods Applied
- ❖ Potential Projects to work on sum up

Special Features

- ❖ A certificate will be awarded to the participants
- ❖ Since 1976, the unique method of tube repair even today is by CTI Industries Inc. USA (www.cti-ind.com) operating in more than 56 countries of the globe.

Who can attend?

Students from All Engineering & Technology Disciplines can attend the Seminar. Due to limited number of seats only short listed applicants will be allowed to attend.

What is the fee?

Only Rs. 40/- Registration Fee for ASME Members and Rs. 60/- for Non-Members

Venue of the Course:

**Seminar Hall, Mechanical Engineering
Department UET Lahore KSK Campus**

Requirements to attend the Course:

- ❖ Fill the online form of Registration (given in following) along with Registration Fee latest by **8th April, 2013**:
- ❖ Link of Online Form:

https://docs.google.com/forms/d/12P_28caEcBjD2lzqhvX_fzTSDxMrN5LO9crkt2IX6zA/viewform

For further Details, Feel Free to Contact:

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About Course Instructor:

Engr. Ijaz Maqbool Chaudhary is Mechanical Engineer from Silliman University, Philippines. He got trained on Condensers & Heat Exchangers Tube Restoration (repair) and supervised tube repair jobs many years in Gulf & Europe for CTI Industries Inc. USA. At present, he is the Managing Director of PAIE GROUP and handling the territories of Pakistan, China & other for CTI Industries Inc.

During his engineering studies, he invented Gregorian Mechanical Perpetual Calendar for all centuries and a Letter of Appreciation received from Guinness Book of World Records. While working abroad, he became the founder of Pakistan Associates of Industrial Engineering (PAIE) in year 2001 and worked as Director Technical & Operations.

He has been conducting seminars ever since in Pakistan to educate the industrial sectors in the field of Condensers and Heat Exchangers to establish reliable contractor environment where criteria of work performance evaluation should be established.

PAIE Introduced CO₂ (Dry Ice) blast cleaning system in Pakistan. PAIE GROUP recently completed R & D on a new method called Nitrogen Blast Cleaning. This will solve all those problems which have been difficult to solve in the industrial world.