

6 ABOUT CONTINUING ENGINEERING EDUCATION CENTER

At the UET continuing Engineering Education Center (CEEC), we consider that motivating working professionals is an important encouragement for prosperous Pakistan. We offer diverse academic programs in a flexible, innovative learning environment that takes full advantage of the UET continuing engineering education center's deep relationship in the industrial community. We educate and train our graduates with a professional responsiveness that is crucial to progress and success in today's career development and essential for making changes in the world.

OUR GOALS

- ❖ Professional Development
- ❖ Technology Transfer
- ❖ Advancement of Individual Learning
- ❖ Alumni Engagement
- ❖ Internship, and much more..

OUR PROGRAMS



Aerial View of Sahiwal Coal-fired Power Plant

During 2016-17, Chinese Energy Company Huang Shandong Ruyi (HSR), signed a memorandum of understanding (MoU) with University of Engineering and Technology (UET). Under this MoU, UET conducted six months training for 66 engineers employed at HSR's Sahiwal Coal-fired Power Plant, successfully.

5 OUR CONTINUING PROFESSIONAL DEVELOPMENT (CPD) PROGRAM

Our highly distinguished and greatly experienced faculty is engaged in development of Continuing Engineering Education programs, industrial trainings and collaboration with various national and international academic and industrial entities for promotion of professional education, research and development work.


University of Engineering and Technology holds a valid Professional Engineering Body (PEB) license from Engineering Professional Development Committee (EPDC), Pakistan Engineering Council. Under this license, we offer short courses, seminars, workshops, industrial training, etc. for Continuing Profession Development (CPD) of our alumni, professional engineers, community members and students enrolled in our masters programs. We design our programs to maintain, improve and broaden professional engineers' knowledge and enhance their skills and qualities.

For reviewing the calendar of our CPD courses please visit us at:

<http://ceec.uet.edu.pk/courses>.

CONTACT US

For online registration

 call us at: +92 42 99029497,
0303-0550-949

 directorceec@uet.edu.pk

<http://ceec.uet.edu.pk/>

1 UNIVERSITY OF ENGINEERING AND TECHNOLOGY, LAHORE

Continuing Engineering Education Center



Offers

EXECUTIVE EDUCATION

Join Prof. Dr. Mohammad Ilyas Anjum, P.E.

In a short course on

LATEST TECHNOLOGIES IN THERMAL POWER PLANTS

on November 27 – 30 , 2017

at

National Library of Engineering Sciences
University of Engineering and Technology, Lahore

Course Fee
40,000 PKR



COURSE INTRODUCTION

Power plants industry is promoting resourceful uses of energy and record improvements in plant efficiencies. Furthermore, in recent years, exceptional advancement in information technology, computer capability, effectiveness and affordable prices are loading our control rooms with the latest digital instrumentation and control systems. Changes such as these make today's thermal power plant more diverse and more complex mix of technologies than ever before.

WHO SHOULD ATTEND

Executives and entrepreneurs
Directors, General Managers and Managers
Engineers of all Disciplines

COURSE FEE

Course fee is 40,000 PKR. Fee includes meals, refreshment accommodation at UET and travel cost to visit the Thermal Power Plant.

FOR PRE-REGISTRATION

Visit our website:

<http://ceec.uet.edu.pk/registration>

Call:03201418991

Note:

Seats are limited. First come first serve basis

COURSE BENEFITS AND EXPECTED OUTCOMES

- ❖ Comprehensive recap on evolution of power plants.
- ❖ Enrichment in knowledge on reheat, regen, co-gen, combined and other plants.
- ❖ Appreciate new facts of subcritical power plants.
- ❖ Knowledge building on supercritical power plants.
- ❖ Learn plants' operating techniques/principles.
- ❖ Become proficient in calculation of heat rate.
- ❖ Understand novel technologies of power plant component designs.
- ❖ Learn power plants emission control techniques.
- ❖ Recognize features of latest boiler designs.
- ❖ Observe data measurement techniques.
- ❖ Gather knowledge on automatic control systems.
- ❖ Comprehend detrimental effects of fouling slagging and blade rupture on plant performance.
- ❖ Learn how to improve efficiencies.

ABOUT THE INSTRUCTOR

Dr. Mohammad Ilyas Anjum received his Bachelor in Mechanical Engineering from the University of Engineering and Technology, Lahore in 1982 and his Masters and Doctorate degrees in Thermo-fluids from The George Washington University, Washington DC in 1984 and 1988, respectively. Dr. Anjum holds valid professional engineer (PE) licenses from Washington D.C. and the State of Virginia, USA. During the past thirty years, while serving the faculty of engineering and the local USA industry, Dr. Anjum gained an increasingly diversified experience in designing and development of Power Plant Training, Power Plant Simulation, Power Plant Controls, Energy Systems Heat and Mass Transfer, Thermo-fluids, Hydraulics and Pneumatics Systems, Environmental Control Systems and Rotating Machinery.

As a Director of Continuing Engineering Education Center, Dr. Anjum is currently coordinating and promoting professional development, individual learning and other academic activities among the UET students, faculties and the Pakistani industrial community.

COURSE STRUCTURE

MONDAY: 27 TH NOV 2017	
8:00 8:30 am	Registration
8:30 9:00 am	Opening Remarks
9:00 10:00 am	Introduction to Thermal Power
10:00 10:30 am	Break
10:30- 12:30 pm	Definitions and Laws
12:30 1:30 pm	Lunch + Prayer
1:30 3:30 pm	Classification of Boilers
TUESDAY : 28 TH NOV 2017	
8:00 10:00 am	Sub-Critical Steam Plants
10:00 10:30 am	Break
10:30- 12:30 pm	Instrumentation and Controls
12:30 1:30 pm	Lunch + Prayer
1:30 3:30 pm	Emission Control Techniques
WEDNESDAY: 29 TH NOV 2017	
8:00 10:00 am	Super-Critical Steam Plants
10:00 10:30 am	Break
10:30- 12:30 pm	Comparison of Sub-Critical and Super-Critical Plants
12:30 1:30 pm	Lunch + Prayer
1:30 3:30 pm	Evolution in Super-Critical Plants
THURSDAY: 30 TH NOV 2017	
8:00 am 3:00 pm	Visit to Thermal Power Plant
3:00 4:00 pm	Award of Certificates

Note:

Participants must bring their laptops for reviewing and following the course material. A USB containing the course material will be provided.