

ENGR.MUDASSAR AZAM

Assistant Professor, University of the Punjab, Lahore, Pakistan.

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Academic Qualification

M.Sc. Chemical Engineering 2009-2011 (2nd position)

Institute of Chemical Engineering and Technology, University of The Punjab, Lahore.

B.Sc. Chemical Engineering 2003-2007 (5th position)

Institute of Chemical Engineering and Technology, University of The Punjab, Lahore.

Postgraduate Research

- Extraction study of Iso-butanol from toluene in stirred tank.

Publications

- Corrosion behavior of X-70 pipe steel in crude oil environment depending upon surface characteristics.
- Thermal analysis of Falsa stick, Corn cob and coal.

Analytical Skills

Working experience of following analytical instruments:

- Gas Chromatography

Experience

Assistant Professor

01st Jan 2012 to date

**Institute of Chemical Engineering & Technology,
University of the Punjab.**

Teaching (undergraduate level) following subjects

Instrumentation and Process Control

Fluid and Particle Mechanics

Separation Processes

Supervising undergraduate research projects

Member, Continual Professional Development Cell, Institute of Chemical Engineering & Technology, University of the Punjab.

Lecturer

**05th June 2008 to 29th of
December 2012**

Institute of Chemical Engineering & Technology, University of the Punjab.

Worked on following research projects

- Catalytic hydrodechlorination of chlorophenol in novel cocurrent downflow contactor reactor
- Comparison of Chemical Coagulation and Electro-Chemical Coagulation of Waste Dye Solution
- Reactor – Design and fabrication of cocurrent downflow contactor reactor

Fauji Fertilizer Company

25th September 2007 to 31st June 2008

Worked as trainee Engineer in Fauji Fertilizer Company, GOTH MACHHI at Ammonia plant.

- Worked on all unit operations and unit processes of ammonia plant
- Worked on boiler and cooling tower
- Training on DCS of Ammonia plant.
- Participated in Safety Training Program
- Visited Urea section.
- Studied Laboratory Testing Procedures.
- Participated in “Effective Presentation Skills” course

Skill Development Initiative

- Working as a motivational trainer, trained almost six thousand graduates regarding CV formation, Job Hunting and Interview preparation skills for different national and multinational Organizations in Pakistan.

Achievement and Award

- Awarded scholarship for group study exchange for Indiana, USA
- Got Merit Scholarship in 1ST, 2ND& 3RD Professional from University of the Punjab
- Youngest President football club University of the Punjab

Professional Membership

Member: Pakistan Engineering Council (Registered Engineer CHEM/7380)
Pakistan Institute of Chemical Engineers

Courses and Participation

- IRCA Qualified lead auditor ISO 9001:2008
- Professional Competency Enhancement Program for Teachers (PCEPT) organized by HEC
- Participant of Pakistan Young Leader Conference Islamabad
- Participant of Young Leader Conference Karachi
- Participated in 2nd International Conference on Engineering Sciences.