

AUN ALI

ACADEMICS:

N.E.D University Of Engineering and Technology

- Ph.D in progress

NUST – PNEC Karachi.

- M.E in Mechanical Engineering (Thermofluids) 3.25 CGPA (2015)

N.E.D University Of Engineering and Technology

- B.E in Mechanical Engineering 1st division (2011).

Adamjee Govt. Science College, Karachi

- Intermediate with an A1 Grade (2007).

Q.B.H School, Karachi

- Matriculation with an A1 Grade (2005).

TECHNICAL CERTIFICATION:

- Entrepreneurship for Engineers (IBA Karachi)
- OHSAS 18001/Lead Auditor Course (SGS Pak. Ltd.)
- Boiler operation and maintenance course (PNEC)
- AUTOCAD 2006 (Autodesk)

EXPERIENCE:

❖ **IU (Indus University)**

From: Aug, 2017 to Feb 2018

Designation: Visiting Lecturer

Course teaching: Plant Maintenance & Production Planning and Control

The courses are being taught to students of IV & V semester.

❖ **NHU (Nazeer Hussain University)**

From: Jan, 2017 to Jan 2018

Designation: Visiting Lecturer

Course taught: Manufacturing processes

The course was taught to semester VI students of Mechanical Department.

❖ **Pressco Printing Solutions**

From: Nov, 2015 to till date

Designation: Proprietor

Provides Printing and packages services to the different industries in Karachi.

❖ **PEC (Petrochemical Engineering Consultants)**

From: Sept, 2014 to Nov, 2015

Designation: Design Mechanical Engineer

PEC is a consulting firm providing personalized and comprehensive petroleum engineering, designing and management services covering the full spectrum of the oil & gas industry, domestically and internationally.

The key responsibilities are,

- Troubleshooting design related problems.
- Development of piping layouts and isometrics for construction.
- Study and review of P&ID's.
- Piping system flexibility analysis using **CAESAR-II**.
- Development of piping isometrics for construction.
- Development of BOQ.
- Development of fire assessment report using **Shell Fred software**.

Lists of the clients that I worked for,

- ENI Pakistan
- Oil & Gas Development Company Limited (OGDCL)
- United Energy Pakistan (UEP)
- Shell Pakistan

❖ **CCMC (Coating Construction and Mechanical Contractors) From: May, 2014 to Aug, 2014**
Designation: Project Engineer

CCMC is an integrated engineering services company. The integrated package of services encompasses engineering, procurement, manufacturing, construction, commissioning and maintenance.

❖ **Dynea Pakistan Limited**
From: Jan, 2012 to July, 2013
Designation: Mechanical Engineer

Dynea Pakistan Limited is a multinational petrochemical industry situated in Hub Baluchistan.

The key responsibilities were,

- To supervise all the activities at Utility section.
- To plan and coordinate with concerned department for shut down maintenance and repair jobs.
- To prepare shift schedule, check daily log book register, ph and conductivity report, daily checking list, utility shift report, preventive check list and chemical analysis service report at the section.
- To maintain the housekeeping, check the safety at the section and to ensure close coordination among staff and other departments.
- To raise purchase orders, maintain stocks at the section and to coordinate for the purchase and maintenance of equipment and machinery with higher authorities.
- To check chemical are charged for treatment of cooling tower, boiler, chiller and condensate tank as per water treatment analyst report.

INTERNSHIP

FFBL (Fauji Fertilizer Bin Qasim Limited) Karachi

FINAL YEAR PROJECT

Implementation of Condition Based Management (C.B.M) in a Cement Industry.

- Introduction to Condition Monitoring
- Characteristics of vibration
- Vibration detection instruments
- Vibration analysis
- Cost analysis

References and Supporting Credentials will be furnished upon request