

# **Hafiza Sumiya Mohsin**

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## **CAREER OBJECTIVE**

To be a part of the challenging team which strives for the better growth of the organization and which explores my potential and provides me with the opportunity to enhance my talent with an intention to be an asset to the company.

## **PERSONEL CHARACTERISTICS**

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- Ability to prioritize work, meet deadlines, and great attention to detail.
- Keen learner with good interpersonal skills
- Good problem solving skills and able to work well under pressure/deadlines.
- Target minded and a consistent person.
- Ability to work well independently as well as part of a team
- Ability to exercise flexibility, initiative, good judgment and discretion.

## **PROFESSIONAL EXPERIENCE**

### **Project Engineer (Design Department)**

#### **Abbas steel group (ASG METALS)**

**( Dec 2012 – AUGUST 2015)**

- Calculating weight, quantity of materials in the drawing
- Design working drawings based on the layouts of equipment and machinery received from China
- Issue the drawings to site for execution
- Coordinate with the Chief Engineer in making draft contracts
- Make modification in the drawing as per site requirement during execution
- Maintaining the record of soft and hard copies of drawings and others related documents
- Coordinate with Chinese experts related to any quarry in design through email

## **PROJECTS**

Design working drawing of: 18 inch rolling mill,5Tone Induction Furnance,10Tone Induction Furnance,15Tone Induction Furnace, pump house, Abbas engineering project

## **TEACHING EXPERIENCE**

### **NED UNIVERSITY OF ENGINEERING & TECHNOLOGY**

#### **LECTURER**

- Teaching Engineering Drawing to the B.E students

### **NAZEER HUSSAIN UNIVERSITY**

**(JANUARY-2016 TO AUGUST-2016)**

#### **LECTURER**

- Taught **mechanics of material-II** and **engineering mechanics –I ( statics)**
- Coordinate with chairperson of the department in maintaining course file and assist him in Fluid mechanics subject

### **PRISTON TECHNICAL COLLEGE**

**(SEPTEMBER 2015 TILL DECEMBER 15)**

Taught Technical drawing, Safety practice, Hydraulic machine, Machine design to D.A.E and B.TECH Students.

### **OTHERS TEACHING EXPERIENCE**

- Taught Mathematics Intermediate Classes: pre.engineering and computer science
- Taught engineering subjects at university to junior students
- Taught intermediate and graduate students at home

## **INTERNEE AT HINOPAK MOTORS LIMITED**

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**6<sup>th</sup> MAY 2011 to 1<sup>ST</sup> JULY 2011**

- Internee at HINO PAK MOTORS Limited in Progressive Manufacturing Department (PMD)
- Worked on excel and made complete name part lists. Made different parts data sheets

- Analyze QC process sheet, study different drawings, & calculate blank sizes also done scanning of drawings parallel.
- Visits taken place at THAL ENGINEERING, NEW CENTURY BUSINESS (NCB) & LANDHI ENGINEERING as there vendors.

## INDUSTRIAL VISIT

- Visited PMTF (Pakistan Machine and Tool Factory) in March 2011 with SME members.
- Visited steel mills
- Visited Bolan Casting

## EDUCATION

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<b>Masters in Design System</b>	June 2014– Dec 2016
NED University of Engineering & Technology	<b>3.89 CGPA aggregate</b>
<b>Thesis on “Mathematical modeling of swelling elastomers” is in process for the completion of master’s degree in NEDUET</b>	
<b>B.E. MECHANICAL Engineering</b>	Jan 2009-Dec 2012
NED University of Engineering & Technology.	<b>1<sup>st</sup> division</b>
<b>HSC (Pre-Engineering)</b>	2007 – 2008
Iqra Huffaz College, Karachi.	<b>82%</b>
<b>SSC (Matriculation)</b>	2005 - 2006
Iqra Huffaz Girls School	<b>85%</b>

## CERTIFIED COURSE OF AUTOCAD

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Have completed a course of AUTOCAD from AUTODESK

## PROGRAMMING SKILLS

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Studied C language and has an ability to use it for development of various programs.

## **SOFTWARE SKILLS**

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Expertise in using Ansys, AutoCAD 2010, MS- Word and MS Excel, Microsoft Visio

## **MEMBERSHIPS**

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Pakistan Engineering Council