Muhammad Shuaib
S/O
Shah Zamin Khan

Date of Birth: -
04 April 1995

Marital Status: -
Single

Nationality: -
Pakistani

Religion: -
Islam

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OBJECTIVE: -
To start a professional life where the technical and management skills acquired during the academic years can be applied, and to enter in an environment where one can keep up with the modern trends and technology.

Learning and Developing Atmosphere

> **EDUCATION: -**

(2014 -2018):   **Bachelor of Science in Mechanical Engineering**
University of Engineering and Technology, Peshawar
(CGPA: 3.39)

2011 – 2013:   **F.Sc Pre-Engineering From BISE SWAT**
Govt Degree College Daggar Buner
(Marks Secured = 904 out of 1100)

2010-2011:   **SSC Science From BISE SWAT**
The Muslim Public school & College Buner
(Marks secured = 833 out of 1050)

> **ASSORTED SKILLS: -**

Languages: English, Urdu, Pashto
Software's: Pro E Wildfire, Auto CAD, MS-Office, C++
Short Courses: MS Office, Computer Hardware, Internet, Autocade Mechanical

> **TECHNICAL KNOWLEDGE:**

Basic of thermodynamic, Solid Mechanics, Fluid Mechanics
Mechanical Vibration; Mechanical Engineering Design
Manufacturing Technology
Power Plant Basics
Heat and Mass Transfer
Refrigeration and Air Conditioning

> **MINI PROJECTS:**

1. Heat Treatment Process on Mild steel
   The Project was for the microstructure examination of Heat-Treated carbon steel. To determine the heat treatment process i.e. Annealing, normalizing and quenching on specimen based on microstructure examination.

2. Prototype of Ultimate tensile test apparatus
   The apparatus was made based on the concept of UTM. Ultimate tensile strength of different metals founded and compare that with actual one. The overall experimental error was 8%.

3. Model of V-6 engine in Pro E
   V-6 Engine was modeled in Pro E Through some kind of reverse Engineering. Model is selected First position holder throughout the batch in Modeling Competition.

4. Water Level indicator using AT89C51 Microcontroller
   This project automatically controlling the water pump by water level in a tank. It automatically switches off whenever the tank is full. Different levels are indicated by different color of LEDs.

- ➢ **FINAL YEAR RESEARCH PROJECT:**

  Effect of Traffic Induced Vibration on Gas Pipelines suspended with bridges
  (Sponsored Project of SNGPL)

  The main objective of the project was to find safe span length of gas pipelines suspended with bridges. For this research first, real time vibration data is collected from local transport and high way bridges. Secondly, Maximum value of vibration is incorporated in Lab experiment. In Lab Experiment Equations for span length based on bending stresses in literature and ASME standard are analyzed and founded that Equations are conservative and Safe than ASME standard when vibration of traffic is incorporated.

  Also, one research is written on tittle of "Span Length of Suspended Incorporating Traffic Vibration of Bridge" and published in UET journal.

- ➢ **EXPERIENCE:**

  1) **Industrial Study tours:**
       - **Bestway cement factory**
       - **-Askari Cement Factory**
       - **-ARY steel mills**
       - **-Honda Atlas**
       - **-Lahore Locomotive**
       - **-Fatima Fertz.**

  2) **Internship:**

     SNGPL, Distribution Department Peshawar
     06 weeks July-August, 2017 There I worked in the **Metering, Maintenance and Operation and Development Department**.
     In Metering Department, I visited as a supervisor with Data collection Team in which data would be collected from EVC at TBS and then reported that to SNGPL official. The issues concerning with meter would be handled by the department.
     In Maintenance, Emergency and repairing of line connection would be handled.
     In Development department all the drawing and maps of pipelines connections for respective region would be saved. The department is also responsible for providing new pipelines connection.