

OWAIS JAVED

Civil Engineer



INTRODUCTION

I did B. Sc. in Civil Engineering from Department of Civil Engineering, University of Engineering and Technology Peshawar. I did my F.Sc in Pre-Engineering from Islamia College, Peshawar and did my Matriculation from Peshawar Model School Boys-II. I am also a co-founder of "The Civil Student Newsletter" and also worked as an editor and Graphic Designer in it. I was the President of CED Student Proctorial Board. I am also good in computer related work and have good expertise in Microsoft Excel. I have participated in a number of technical competitions and have been awarded with prizes in them.

CONTACT



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Peshawar, Pakistan



LinkedIn

linkedin.com/in/owais-javed-007



Facebook

facebook.com/owais007

EDUCATION

2016-2020

B.Sc. Civil Engineering

University of Engineering and Technology,
Peshawar. (Main Campus)
Peshawar, Pakistan.

2014-2016

Intermediate (F. Sc. Pre-Engineering)

Islamia College University Peshawar.
Peshawar, Pakistan.

2012-2014

Matriculation

Peshawar Model School Boys - II
Peshawar, Pakistan.

PUBLICATIONS

Polyvinyl Chloride (PVC): A Futuristic Material for Affordable and Sustainable Housing

ICRTMME -2020 (1st International Conference on Recent Trends in Mechanical and Materials Engineering). -

SUBMITTED

CECOS University, Peshawar, Pakistan.

WORK EXPERIENCE

2019-Present

Design Intern

Sustainable Housing Research Center. (SHRC)
Peshawar, Pakistan.

Responsibilities:

Modelling with Autodesk Revit, Quantity Estimation, Modelling with Autodesk InRoads, Contouring with Autodesk Civil3D, Project Planning with MS Project

07/2020-08/2020

Virtual Internship

John Holland.
Melbourne, Australia

Responsibilities:

Quantity Estimation of Bridges, Evaluation of Bids, Complex Building Drawing Study, Task Management, Design and Installation of CCTV at a railway station.

08/2018-08/2020

Web Developer

Center for Industrial and Building Energy Audits (CIBEA)
Peshawar, Pakistan

● 08/2018-09/2018

Site Engineer Intern

Nationa Engineering Services Pakistan (NESPAK)
Peshawar, Pakistan

Responsibilities

Site Supervision of Construction of Peshawar Zoo.

● 11/2017-Present

Editor and Designer

The Civil Student Newsletter
Peshawar, Pakistan.

● 08/2019-Present

President

Civil Engineering Department Student Proctorial Board, UET Peshawar
Peshawar, Pakistan

PROJECTS

● **Final Year Project:** Use of ICT and BIM for the implementation of KP Byelaws

● **Quantity Surveying:** Technical and Financial Proposal responding to surveying, geotechnical investigation, structural design, hydraulic design along with Bill of Quantities, Engineers Estimates and Technical Specifications for a 50 meter single span prestressed bridge over River Kabul.

● **Sustainable Development:** Application of knowledge of system dynamics and systems thinking in developing a model to address COVID-19 pandemic dynamics in Pakistan

● **Structural Engineering Software:** Seismic Upgrade of RC Frames by Concentric Steel Braces which included Pushover Analysis using SAP2000

● **Reinforced Concrete Design:** Analysis and design of 30ft x 60ft examination hall for the accomodation of 80 students using ACI 318-14 according to the building code of Pakistan Sesimic Povision 2007 for peshawar (Zone 2B)

● **Steel Structure:** Design of Truss Members, Compression Members, Steel Connection, Plate Girders, Composite Beams, Columns and Base plate of 22 Story steel structure.

● **Transportation Engineering:** Preliminary Highway Design including Horizontal Alignment, Horizontal curves on horizontal alignment, vertical curves based on stopping sight distance, Ground profile. Cross section Design and Calculation of Earthwork Quantities.

● **Project Planning:** Selection/Identification of most economical house construction scheme in Hayatabad, Peshawar.

● **Survey Camp:** Geometric Design of Roa for hilly and plain areas in Abbottabad Township which included Fly Leveling, Contouring (manually and using Surfer), Traversing, Cross section and long section, Cut and Fill and Profiling of Cross section and Long section manually and on AutoCAD using Total Station.

● **Foundation Engineering:** Selection of three soil profiles (Best, Intermedite and Worst) from 18 soil profiles and Geotechnical Pile Design of 3 Navigational Aids on the mentioned soil profiles for "Clear water development container terminal and Associated Infrastructure.

● **Hydrology and Water Management:** Runoff Hydrograph for Phase 2, Hayatabad, Peshawar using SCS curve number method and comparison of result with HEC-HMS software generated result.

MEMBERSHIP

- Institute of Civil Engineers (ICE)
- American Socity of Civil Engineers (ASCE)
- Institute of Structural Engineers (IStructE)
- American Concrete Institute (ACI)

CERTIFICATES/COURSES

● One Day workshop on "**Innovative Sustainable Housing**" Organized by Sustainable Housing Research Center.

● One Day workshop on "**Digitizing the Construction and Architecture Industry using Faro 3D Laser Scanner**" Organized by Civil Engineering Department, UET Peshawar.

● Microsoft Office Specialist-Microsoft Word 2013

● **Sustainable Urban Development** by DelftWageningenX: AMS.URB.1x at edx.org

● Introduction to Meteor.js Development - University of London on Coursera

● Responsive Website baisics - University of London on Coursera

● **Excel Skills for Business: Essentials** - Macquarie University on Coursera

● **Introduction to BIM** - Autodesk Design Academy

ACHIEVEMENTS

- **2nd Prize in NIUIP-UNICEF Sanitation Competition**
SOLCHAR PLANT AND COMPOST TOILETS
A profitable solution for sanitation problem in different areas of Pakistan
Peshawar, Pakistan.
- **Participation in International Symposium on ultra low cost housing.**
Polyvinyl Chloride (PVC): A Futuristic Material for Affordable and Sustainable Housing.
University of Management and Technology (UMT), Lahore.
- **1st Prize in Suspension Bridge Competition**
Organized by American society of Mechanical Engineers at UET Peshawar.
Peshawar, Pakistan.

VOLUNTEERING

- **09/2019**
Cleanliness Drive
Arranged by Student Proctorial Board at CED, UET Peshawar.
- **09/2019**
Seminar on “Drug abuse among youth”
Arranged by Student Proctorial Board at CED, UET Peshawar.

SOFTWARE SKILLS

Microsoft Excel

Python (Programming)

Primavea P6

Autodesk AutoCAD

QGIS

Adobe Illustrator (Graphics Designing)

Web Developing

Flutter (App Development)

Autodesk Rivet

STAAD Pro

SAP2000

Autodesk Civil3D

MS Project

Etabs

React.js

GeoStudio

JavaScript

ArcGIS

HTML/CSS

Autodesk Infraworks

HOBBIES

Gaming

Web Designing

Graphic Designing

Programming

Book Reading

Excel

REFERENCES

- Dr. Mohammad Adil
Assistant Professor, Civil Engineering Department, UET Peshawar.
Contact: +92 313 9543411
Email: Adil@uetpeshawar.edu.pk
- Dr. Qaisar Ali
Pro-VC, Civil Engineering Department, UET Peshawar
Email: drqaisarali@uetpeshawar.edu.pk

LANGUAGES

ENGLISH
100%

URDU
100%

PUSHTO
100%