



AQSA MURAD

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PROFESSIONAL SUMMARY

I am a dedicated person who tries to bring the maximum benefits to the organization. I am a keen learner and feel happy to perform the tasks assigned. I always find a way to make things simpler. I manage my tasks and perform them timely. I try to adapt new skills and learn from my experiences. I am a problem solver and try to contribute my maximum efforts such that my organization can grow.

SKILLS

- Analytical thinking
- Research oriented
- Active Learner
- Well communication
- Social perceptiveness
- Good command at Softwares

EXPERIENCE

Lecturer

TIEST, NED University of Engineering and Technology
Mithi, Pakistan

June 2023 -
Current

- Teaching theory subjects such as Structural Analysis
- Work as a class-advisor
- Do career counseling of students.
- Assign and evaluate complex engineering problems to students.
- Member of OBE framework, maintain status of course folders.

Lab Engineer

TIEST, NED University of Engineering and Technology
Mithi, Pakistan

June 2021-
June 2023

- Conduct Practical classes, teach subjects such as Engineering Drawing I and II, Introduction to Computing for Civil Engineers.
- Assigned and graded Open ended lab projects.
- Member of OBE, maintain subject course files.
- Perform duties as Library Incharge, manage the status of books and issue books to students.
- Organize Community Service for students.
- Perform duties as Incharge of Fluid Mechanics lab and Drawing hall.
- Maintain status of Equipments.
- Invigilation during Mid Term, Semester Exams and Entry Test 2022.

Teaching Assistant
Mehran University of Engineering and Technology Jamshoro,
Pakistan

Sep 2020 –
June 2021

- Assisted Professor with in-class activities, maintained course files, taught online via zoom meetings, co-supervised bachelor's projects, graded assignments, tests and did career counseling.
- Performed Invigilation duties during Exams.
- Conducted Practical classes, taught subjects such as Soil Mechanics and Geotechnical Engineering.
- Assigned and graded open ended lab projects.
- Observed students' performance, engaged them in discussions, and assigned tasks to boost their confidence.

Trainee
NESPAK | Nawabshah, Pakistan

June 2019 –
July 2019

- Performed Internship on Lining of Irrigation Canals.
- Learnt studying and understanding of Engineering Drawings.

Trainee
RCC Consultants | Hyderabad, Pakistan

July 2018 -
August 2018

- Worked on excel for quantity estimation of Mosque being built in Sindh University, Jamshoro.
- Experienced the construction of new filter plant by RCC Consultants.
- Learnt the working of filtration plant in Hyderabad.

EDUCATION

Matriculation

April 2013

OPF Public School, Sanghar, Pakistan

Cleared with **86.82%**.

Intermediate

March 2015

Government Girls Degree College, Sanghar, Pakistan

Cleared with **79.09%**.

Bachelor's degree in Civil Engineering

December 2019

Mehran University of Engineering and Technology, Sanghar, Pakistan

Cleared Bachelors with **3.90 CGPA**.

Masters in Structural Engineering

April 2022

Mehran University of Engineering and Technology, Jamshoro, Pakistan

Cleared Masters with **3.98 CGPA**.

PROJECTS

- Seismic Analysis of a High-Rise Building- A case study.
- Parametric study on the compressive of Fly ash and Metakaolin based Geopolymer Concrete.

PUBLICATIONS

Aqsa Murad, Mohsin Ali, Aneel Kumar, Sadaqat Ullah Khan, Tehmina Ayub, "Parametric study on the Compressive Strength of Fly ash based Geopolymer Concrete". 12th International Civil Engineering Conference (ICEC-2022) "Integrating Technology in Civil Engineering" March 20, 2022, Karachi, Pakistan.

Mohsin Ali, **Aqsa Murad**, "Effect of fly ash and silica fume on compressive strength of Autoclave aerated Concrete". 12th International Civil Engineering Conference (ICEC-2022) "Integrating Technology in Civil Engineering" March 20, 2022, Karachi, Pakistan.

Aqsa Murad, Aneel Kumar and Mohsin Ali, "The way of production of Metakaolin from natural material Soorh for Geopolymer Concrete", Proceedings of the 3rd International Conference on Chemical Engineering (ICCE2021), Mehran University of Engineering and Technology, Jamshoro, September 22-23, 2021, 205-210.

Mohsin Ali, Aneel Kumar, Rabindar Kumar, **Aqsa Murad**, "Utilization of Fly ash and Indus River Sand in Autoclaved Aerated Concrete", Proceedings of the 3rd International Conference on Chemical Engineering (ICCE2021), Mehran University of Engineering and Technology, Jamshoro, September 22-23, 2021, 197-204.

Aqsa Murad, Muhammad Hassan, Aneel Kumar, "Seismic analysis of a High-Rise building: A case study". 2nd International Conference on Sustainable Development in Civil Engineering 5th – 7th, December, 2019, (ICSDC-2019).

SOFTWARE SKILLS

- ETABS
- MATLAB
- REVIT
- CANVAS
- MS OFFICE

ACHIEVEMENTS

- Medal Winner for best paper published in International Civil Engineering Conference, NED.
- Master of Ceremony in International Conference on Sustainable Development in Civil Engineering, MUET. Recipient of cheques awarded by University for being in top 10 in all 4 years of Bachelors.
- Representer of Civil Engineering Department, MUET in Program New Generation.
- Girls Representer in MUCES.
- Best Delegate award in MUET, Model United Nations.
- Honorable Mention award in MUET, Model United Nations.
- Outstanding Diplomatic award in LUMHS, Confol.
- District Position in Entry Test.

LANGUAGES

- English
- Urdu
- Sindhi

HOBBIES

- Sketching
- Painting
- Decorating/ Organizing
- Cooking
- Reading
- Traveling

REFERENCES

Prof. Dr. Aneel Kumar

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Mehran University of Engineering and Technology, Jamshoro
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Prof. Dr Sadaqatullah Khan

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Prof. Dr. Tehmina Ayub

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