

Syed Afzal Ahmad

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EDUCATION:

University Of Engineering & Technology (UET), Peshawar

November 2020 – July 2024

BSc Chemical Engineering

CGPA: 2.94

Major courses: Separation Process, Transport Phenomena, Fluid Mechanics, Instrumentation & Process Control, Chemical Process Calculation, Mass Transfer, Heat Transfer, Chemical Reaction Engineering, Particle Technology, Chemical Engineering Thermodynamics, Engineering Materials, Process Design & Simulation, Process Analysis & Optimization, Fuel & Energy Engineering, Engineering Economics, Plant Safety & maintenance Engineering, Statistics & Experimental Design, Petroleum Refinery, Waste Management, Environmental Engineering.

FINAL YEAR PROJECT:

Processing & Recovery Of Copper From Scrap & Mineral Matter

- Copper was recovered from scrap wires by using a shaking table under multiple conditions to find the ideal setup for separation.
- Extraction of copper was done from copper ore (chalcopyrite) by using a flotation cell under different conditions.

SKILLS:

- Power Point & Word.
- HAZOP.
- Fire Risk Assessment.
- End Note.
- Beginner user of Aspen.
- Beginner user of AUTOCAD.

EXTRA CURRICULAR & VOLUNTEER EXPERIENCE:

Director of Finance in Student Academic Society PIChe UETP Chapter (2023-24)

- Successfully managed financial tasks during various events organized by PIChe Society in 2023-24.

HONORS AND AWARDS:

ONLINE COURSES

- Chemical Engineering Thermodynamics 1 (<https://coursera.org/share/3a8e49fd92da34ccd1ea908058d8ded4>)
- Chemical Engineering Thermodynamics 2 (<https://coursera.org/share/06e2eb55023ed041cc7a2b8374c2b923>)
- Strategic Management (<https://coursera.org/share/b821e9beee0d01942bab6178bbd53ea1>)
- Introduction to Risk Management (<https://coursera.org/share/f0e729e83cb648c42796ac318af2021d>)
- Safety in Utility Industry (<https://coursera.org/share/7e7305c80bf0dd28ed831d905f93c610>)

CERTIFICATIONS

- Organizer Departmental Sports Event.
- Participant “ ONE DAY GLASS BLOWING WORKSHOP”.
- First Aid Training.
- Participant in “ One-day workshop on quality management system in Chemical, Manufacturing & Services Industries”.
- Participant in “One-day training course on management in Technical Organizations”.
- Participant in “One-day training course on Research Proposal Writing Tips & for Hunting PhD Scholarships”.

ADDITIONAL:

- Languages: English, Urdu, & Pushto.
- Good player of Chess & Football.