



# TANVEER AHMED

*M.Sc Chemical Engineer.*

**Address:** House No 2, Street No 2, Near Bilal Ice factory, V/PO Pindi Bahauddin Teh/ Distt Mandi Bahauddin.

**Postal:** C/O Shaheen Paint Store, Railway Road, Under Jamia Masjid Markazi Mandi Bahauddin.

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## Personal Information

Father's Name: Riaz Ahmed

Domicile: Mandi Bahauddin- Punjab

D. O. Birth: Sep 12, 1992

Religion: Islam

C.N.I.C # 34402-5434982-9

Nationality: Pakistani

Passport # DN1179821

## Objective:

“After completing my education in Masters of Science in Chemical Engineering, I am looking forward to work in a well reputed organization where I can implement and utilize my theoretical learning and enhance my practical exposure to serve the organization with the best of me.”

## Experience:

- **Shahtaj Sugar Mills Limited (Mandi Bahauddin).** Worked as a **Trainee Chemist in Boiling and Refining house** from April 18, 2016 to April 18, 2017.
- **Agritech (Pak American Fertilizer) pvt Limited. (Mianwali)** Worked as a **Trainee Engineer (Internee) at Ammonia plant** from August 26, 2013 to September 23, 2013.

## Responsibilities:

- **During Season :**
  - ✓ Maintain parameters to produce quality sugar. (Sugar Color, Grain Size, Temperature, Flow rate).
  - ✓ Reduce the sugar loss.
  - ✓ Meet the production targets.
  - ✓ Ensure the smooth process without any breakdown.
  - ✓ Ensure proper sampling in order to meet the quality standards.
- **Off Season :**
  - ✓ Ensure proper cleansing of equipments (Bodies, Pans, and Vertical Condensers etc.)
  - ✓ Ensure proper overhauling of equipments.
  - ✓ Plan and implement process improvements for coming season.

## Research Reports:

Successfully completed following projects during my studies:

- **“Performance Analysis of Absorption Refrigeration System”** as a research project for post-graduation.
  - ✓ Double effect LiBr<sub>2</sub> absorption chiller was operated by using LPG.
  - ✓ Performance curves were drawn for the chiller.
  - ✓ Efficiency was calculated.
  - ✓ Electrical loads were fulfilled by solar panels.
  - ✓ Chiller rating was reported.
- **“Production of Synthetic Natural Gas (SNG) from coal gasification”** as final year project in graduation.
- **“Production of Biogas from gasification of biomass (mainly wood)”** as mini project in semester.

## Achievements and Awards:

- Worked on HEC granted project during post-graduation.
- Awarded by laptop on merit under Prime Minister Laptop Scheme.
- Awarded by Scholarship by Punjab Educational Endowment Fund (PEEF).

## Certifications:

- **“3 Days workshop of Mathematica and MATLAB”**, held by HEC in collaboration with UOG.
- **“Basic life support Program”**, held by Rescue 1122 and UET.
- **“English Proficiency Certificate”**, given by Department of Humanities, UET Lahore.
- **“Certificate of Scholarship on merit”**, awarded by Punjab Educational Endowment Fund (PEEF).

## Education:

Degree Title	Year	CGPA/ Percentage	Division	Specializations	Institution/Board
MSc	2017	3.45	1 <sup>st</sup>	Chemical Engineering	University of Engineering and Technology Lahore
BSc	2014	3.39	1 <sup>st</sup>	Chemical Engineering	University of Gujrat, Gujrat
FSc	2010	78.09 %	1 <sup>st</sup>	Pre-Engineering	BISE Rawalpindi
Matric	2008	86.23 %	1 <sup>st</sup>	Phy, Chem, Math, Bio	BISE Gujranwala

### Area of Expertise:

- Fluid Mechanics
- Heat & Mass Transfer
- Chemical Engineering Economics

### Language Skills:

- English
- Urdu
- Punjabi

### Personal Skills:

- Able to make effective decisions and face the challenges competitively.
- Leading, Managing, and controlling any sort of activity and project.
- Ability to negotiate and communicate successfully.

### Computer Skills:

- Aspen Plus, Aspen Hysis, AutoCAD 2004,
- ChemCAD
- MS Office MS Visio MS Operating Systems

### Extracurricular Activities:

- Member of CHESS, Qalamkar
- University Ambassador PEEF

## References:

References will be furnished on requirement.