

# M. Kaleem Asif

Chemical Engineer

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Address: Jinnah Colony Kasur.



## **CARRER OBJECTIVE**

An engineer who is aspiring to be a part of helping humanity which is striving to improve the lives of the people and believes that integrity, initiative, respect and hard work all lead to success.

## **EDUCATION**

B.Sc. Chemical Engineering (CGPA: 3.461/4.00) (2014-2018)  
University of Engineering and Technology Lahore, Pakistan

F.Sc. Pre- Engineering (86.8 %) (2012-2014)  
Punjab College of Science Lahore.

Matric (Science) (2010-2012)  
District Public School Kasur. (86.47%)

## **PROFESSIONAL EXPERIENCE**

Internee Engineer at Bulleh Shah Packaging (Pvt.) Ltd. Pakistan (July-August-2017)

Job Role:

- Design of steam pipe size for increasing production of paper and board.
- Quality and Control of paper production.

## **PROJECTS**

- Production of 1500 MTPD ammonia by Kellogg Brown process (2017-2018)  
Design of KBR ammonia plant for the production capacity of 1500 MTPD in which I have performed material and energy balances, reactor design, P&ID for reactor & Hazop study.

## **PROFESSIONAL SKILLS**

- Aspen Hysys (Flow sheeting, Exchanger Design)
- Aspen Plus (Design of Distillation column, Reactors, Absorbers)
- Aspen Adsorption
- gProms Model Builder (Design of Reactor)
- Chemical Equilibrium and Applications (CEA)
- MATLAB (ODE solutions)
- HTRI (Exchanger design basics)

## **CONFERENCES**

- Zaheer Aslam, Kaleem Asif, Aamir Abbas, Separation of Hydrogen Sulfide from Natural Gas Using Low Cost Adsorbent, 1st International Conference on Separation processes-ICSP'17, 26-27 April 2017, COMSATS Institute of Information Technology Lahore, Pakistan.
- Kaleem Asif, Zaheer Aslam, Sorption of H<sub>2</sub>S using Steam Activated Fly Ash, 3rd Conference on emerging Materials and Processes (CEMP), 13-14 November 2017, NUST Islamabad, Pakistan.

## **COURSES ATTENDED**

- Material Synthesis and Characterization- one day work shop on Continuing Professional Development 14-March-2017.

## **PROFICIENCIES**

- Supporting students in an advisory role
- Represented institution at conferences and seminars
- Established collaboration outside the institution
- Worked as Teacher's Assistant

## **REFERENCES**

- Will be provided on request.