

# CURRICULAM VITAE



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## OBJECTIVE:

Seeking a suitable career oriented position in a reputable organization that provides work to keep up with the growing technological advancements and to perform role in such an organization, which can fully utilize my knowledge and enhance my skills.

## WORK EXPERIENCE:

Jan 30, 2018 till date

Position held: **Shift Engineer (Production)**  
**MIDAS Safety**

- To ensure production runs smoothly and according to given plan.
- Coordinate and arrange daily production and material flow to achieve production target in schedule.
- Coordinate closely with planning, process and technical department to ensure the production and quality of finished and intermediate product meets customer expectation.
- Implementing relevant safety and environment protection procedures to support work safety and production activities.
- Oversee the cooperation of maintenance and troubleshooting activities including the maintenance and repairing schedules to improve production and quality of products.

## EDUCATION:

- |      |   |
|------|---|
| 2017 | B.E Chemical<br><b>NED University of Engineering &amp; Technology, Karachi.</b>   |
| 2013 | Intermediate<br>(Pre-Engineering – Board of Intermediate Education, Karachi)<br><b>Jinnah Government College, Karachi.</b><br>A-1 grade (83%) |
| 2011 | Matriculation<br>(Science – <b>Aga Khan University Examination Board</b> )<br><b>Shahwilayat Public School, Karachi.</b><br>A grade (74%)     |

## FINAL YEAR PROJECT:

Development of electro spun nanofibers for industrial applications

- Antimicrobial electro spun polyvinyl alcohol (PVA) nanofibers containing Benzyl triethyl ammonium chloride (BTEAC) and Butane sultone (BS) as an antimicrobial agent were prepared

- Nanofibers were prepared at different conc. % of BTEAC and vol. % BS with different operating conditions of electrospinning machine to study their effect
- Antimicrobial BTEAC-BS-PVA nanofibers successfully inhibited the growth of bacteria
- These nanofibers can be used in water treatment and air filtration to remove bacteria

### KEY SKILLS:

#### Personal

- Decision making and problem solving
- Ability to work as part of a team
- Flexible and willing to learn
- Communication and analysis skills

#### Computer

- Ms. Office
- Korf Hydraulics
- Polymath
- Aspen Plus

### TRAINING AND INTERNSHIP:

June 14,2016 to July 15,2016

Position held: **Internee**

**Lucky Cement Ltd.**

- Noticed crushing and grinding of raw materials & their mixing in raw and ball mill
- Learned kiln process and pollution control in cement industry
- Studied formation of cement in cement mill and its storage
- Learned the production of electricity in waste heat recovery department from coal fired flue gases

### CERTIFICATIONS:

July 16,2016

**Hydraulics Design in Real Industrial World**  
**SAZEC Institute of Engineering Design**

June 14,2016

**ELA952-Minimizing & Identifying PS Hazards**  
**American Institute of Chemical Engineers (AIChE)**

May 21, 2016

**ELA950-The Importance of Process Safety**  
**American Institute of Chemical Engineers (AIChE)**

December 16, 2015

**ELA907-Process Safety 101**  
**American Institute of Chemical Engineers (AIChE)**

December 14, 2015

**ELA910-Nitrogen's Role in Safety**  
**American Institute of Chemical Engineers (AIChE)**

### UNIVERSITY PROJECT:

Fluid Mechanics Project: Constructed **Laminar Jet flow model**.

- Fluid flowing in parallel layers with no disruption between the layers.
- Conversion of turbulent flow into laminar flow.

### INTERESTS & ACTIVITIES:

- Played consecutive inter departmental football and basketball tournaments in school, college and university & performed exceptionally well.
- Participation in science projects, presentation & poster competitions and seminars.
- Played consecutive inter school basketball tournaments and won many trophies.
- Participating and managing events in school and university.
- Volunteering for social work such as iftaar drive, heat wave relief camp, etc.

### REFERENCE:

Can be provided upon request

