



## Ali Husnain Shad Mechanical Engineer

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• Age: 22 – Address: Nankana Sahib, Punjab Pakistan

### Education

<b>University of Engineering &amp; Technology</b>	<b>Lahore, Punjab</b>
<i>Bachelor of Science in Mechanical Engineering</i>	2014-2018
<b>Punjab College of Science</b>	<b>Lahore, Punjab</b>
<i>F.Sc Pre-Engineering</i>	2011-2013
<b>Pak Garrison High Secondary School</b>	<b>Nankana Sahib, Punjab</b>
Matriculation in Science	2009-2011

### Experience

**IET UET KSK** Lahore, Pakistan

Technical society at UET Kala Shah Kaku Campus that organizes technical events to enhance skills and to provide platform to students at UET KSK.

*Event Manager (Head): (September 2015 – April, 2017)*

*President: (May 2017 – May 2018)*

- *Management Skills:* Organized two mega events named 'IETEC' where my team and I managed over 1500 students in 10 different modules.
- *Leadership Skills:* Supervised a team of 60 students during the IETEC event.

### UET Xnews

Lahore, Pakistan

UET Lahore's officially recognized, biggest and most authentic social media news portal with a page following of 100k.

*Senior Executive: (September 2016 – May 2018)*

### US Apparel and Textile Pvt. Ltd.

Lahore, Pakistan

Leading denim jeans manufacturers and suppliers including major jeans brands like LEVIS, SEANS JHONS etc.

*Management Trainee Officer: (July 2018 – Present)*

- *Technical Skills:* Overseeing maintenance of scraping, washing, spray booths and drying machines. Leading all the mechanical projects that are going on in Unit 5 like installation of new boilers etc.

### Nestle Pvt. Ltd.

Sheikhupura, Pakistan

Leading food beverage company in Pakistan.

*Summer Intern: (June 2017 – July 2017)*

- *Technical Skills:* Observed the functionality of Heat Exchangers and pumps. Draw line mapping of Raw and soft water of Dairy and Juice Plant.

### Atlas Honda Ltd.

Sheikhupura, Pakistan

Summer Intern: (August 2017 – September 2017)

- *Technical Skills:* Worked at casting plant and observed the different methods of casting including gravity casting. Purpose the organization the idea of Kaizen tool boxes and help them in making kaizen tool boxes.

### Academic Activities

#### Final Year Project: Experimental Investigation of Thermal Conductivity Enhancement of Fluids using Nano

#### Particles

Lahore, Pakistan

*Team Leader: September 2017 – June 2018*

- Studied more than 100 research papers on thermal conductivity enhancement using Nano Fluids.
- Did experimental investigation using Zinc Oxide (ZnO) as Nano Particle and sterilized water as Base Fluid and achieved 23% enhancement in thermal conductivity from Base Fluid.

### Lean Manufacturing

Sheikhupura, Pakistan

To reduce seven kind of wastes at Mumtaz Metal Care

*Team Leader: September 2016 – January 2017*

- *Research Skills:* Examined all the processes and identified seven kinds of wastes in collaboration with a team of 5 members. Gave 5 possible suggestions to company to improve their processes.

### Honors and Awards

#### ACADEMIC SCHOLARSHIPS

Lahore, Pakistan

- Received full merit-based academic scholarship from Punjab College of science. (2011-2013)

### Additional

- Campus Ambassador at IMEC17 GIKI
- Won Best Play Award at UET Dramatics
- Served as Head Organizer at UET Sports Week Twice
- Served as Chief Proctor Sports at Hostel B, UET KSK for one year.
- *Skills:* Auto Cad, Microsoft Office, Matlab, Ptc Creo.