

Humayun Nawaz

Phone: +923052095558

E-mail: humayun.asme@gmail.com

LinkedIn: [linkedin.com/in/humayunasme/](https://www.linkedin.com/in/humayunasme/)

Address: Chak# 256 GB Phalore, Tehsile & District Toba Tek Singh

EDUCATION

Bachelors of Mechanical Engineering
(CGPA 3.45/4.00)

University of Engineering & Technology, Taxila

Oct 2014 — Aug 2018

WORK EXPERIENCE

D.G. Khan Cement Company Ltd.

Supply Chain Intern

Working of Crusher, Raw Mill, Kiln, Cement Mill, Packing Plant

Aug 2017 — Sept 2017

KSB Pumps Company Ltd.

Supply Chain Intern

Observed Casting and Forging Processes in the Foundry Department

June 2017 — July 2017

Millat Tractors Limited

Mechanical Engineering Intern

Operations of Machining Division, Engine Assembly and Tractor Assembly

Aug 2016 — Aug 2016

LEADERSHIP EXPERIENCE

ASME UET Taxila Chapter

General Secretary

- Managed a dedicated team of 100 general members during TechFiesta18 (A national level Event)
- Served as Media Head for the year 2017 and successfully generated the Required Registration Budget of 50K
- Organized Auto Show-UET Taxila17 by leading a team of 30 members

Young Leaders Conference

Participant

- Attended 6 days conference comprising of seminars and workshops on leadership
- Competed with 300 participants from 52 cities of Pakistan and enhanced my Management and Presentation Skills

NOTABLE PROJECTS

- **Design and experimental analysis of liquid-based cooling vest for Human Comfort Powered by Flexible Solar Cells**
Cooling effect was produced using the Thermoelectric cooler, based on the Peltier Effect, for human comfort in remote areas. The efficiency of the vest was increased by using Flexible Solar Cells
- **Heating and Cooling Load calculations for a Slaughter House and deciding the suitable HVAC System**
Total heating and the cooling load was calculated theoretically and with the help of AccuLoad Software to decide the suitable HVAC System
- **Design and Mathematical modeling of Solar Cooker**
Solar cooker was designed and fabricated to use the solar energy to cook food and the experimentation was done at the various intensity of radiations

VOLUNTEER EXPERIENCE

- Volunteered at Marie Stopes International Society and Conducted Sessions on Family Planning and Reproductive Health for the awareness of Teachers
- Served as a University Representative at Meet the Seniors'17 organized by Youth Insight to Guide the College Students about University Life
- Worked as a Sponsorship Executive at Youth Impact to prepare a Sponsorship Proposal
- Conducted Workshops on Poster Designing and logo designing to enhance the Skillset of students
- Active Member of Rashid Cheema Health & Blood Donor's Society

ACHIEVEMENTS

- Participated in Technology Commercialization Presentation at IST Youth Carnival and Stood First
- Runner-up in Poster Designing competition arranged by National Accountability Bureau in UET Taxila
- 1st position in Urdu Essay writing at Tehsile level
- Secured 1st Position in Science Marathon at Ghulam Ishaq Khan Institute Sawabi
- Served as an Ambassador for many universities