




# FARRUKH USMAN

MECHANICAL ENGINEER

 Kot sanat raam district Nankana  
sahab, Pakistan (39100)  
 +92-301-6889101  
 Farrukhusman13@gmail.com

## SUMMARY

A fresh mechanical engineer with an ability to plan, initiate and execute, having extensive exposure of working as a team leader and a team player. I have a practical approach to problem solving and a drive to see things through to completion, I do have an experience of working as an intern in different companies.

## ACADEMIC QUALIFICATIONS

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|--|-----------------|-----------|
| • <b>B.Sc. Mechanical Engineering</b><br><i>University of Engineering and Technology, Lahore</i> | 3.38/4.000 CGPA | 2014-2018 |
| • <b>F.Sc. Pre Engineering</b><br><i>Hira College, Nankana sahib</i>                             | 90.5% (A+)      | 2012-2014 |
| • <b>Matriculation</b><br><i>Hira High School, Nankana sahib</i>                                 | 94.3% (A+)      | 2010-2012 |

## INTERNSHIPS

- |  |                         |
|--|-------------------------|
| • <b>Kot Addu Power Plant ( KAPCO), Kot Addu</b><br>✓ Sedulous study of Power plant<br>✓ Observed working of HRSG ( Heat recovery steam generator)<br>✓ Studied and analyzed various functions under the sectors of Gas turbine plant and steam turbine plant.   | July 2017 – August 2017 |
| • <b>SUMICO Technologies pvt Ltd, Lahore</b><br>✓ Learned and practically performed IRT ( Infra-red thermography)<br>✓ Brief Learning of Vibration data collection using EMERSON CSI 2140.<br>✓ Performed IRT in alpha-chicks Sahiwal and Century Paper mills Ltd, Phool-Nagar.<br>✓ Performed vibration data collection in BESTWAY Cement plant, Chakwal and Pak-Pattan Hydel Power plant | Feb 2018 – April 2018   |

## GRADUATE PROJECT

- **Advanced Vibration Analysis of Turbo-Generator system (FYP)**  
Literature review of condition monitoring and fault diagnosis of hydel power turbine using advanced vibration analysis.

## LEADERSHIP EXPERIENCES

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|---|-----------|
| • <b>General Secretary ASME UET</b><br>2nd in authority at ASME UET Lahore, the world's largest student section of ASME International, Mentored the hierarchy and actively organized events and conferences for ASME UET. | 2017-2018 |
| • <b>Secretary Public Relations UET X-news</b><br>Responsible for maintaining relationships with university officials and the coordinators of other societies for media partnerships.                                     | 2017-2018 |
| • <b>Director Memberships ASME UET</b><br>Recorded and managed membership data and devised ways to increase member retention rate.  | 2016-2017 |
| • <b>Director Communication UET X-news</b><br>Effectively managed communication within and without the society, devised effective communication plan.   | 2016-2017 |

- **News Correspondent UET X-news** 2016  
To collect campus announcements from the officials and to publicize on media portal.
- **Deputy Director of Events ASME UET** 2015-2016  
Helped director in planning of the events and ensured the execution of activities and seminars of ASME UET in university.
- **Member of communication team ASME UET** 2014-2015

## HONORS, AWARDS AND ACHIEVEMENTS

- ✓ Speaker in ASME Pakistan **DAG (diversity action grant)** program (2015-2017).
- ✓ Member of organizing team for International Conference on Urban Transport, Lahore (2017).
- ✓ Inaugurated **Taloo-e-Sehar Foundation** in my village to promote education and support financially to the students who cannot afford education.
- ✓ Contributed to a research study by TEACH-Educational HRD on instruction and assessment (2017).
- ✓ Member of organizing team of Industrial open house (2016-2017).
- ✓ Member of organizing team of DAG (diversity action grant) program to promote Engineering Awareness among high school students of under-privileged areas (2014-2017).
- ✓ Member of organizing team of UET Open day (2016).
- ✓ Secured **Merit-based PEEF scholarship** during university for securing 2<sup>nd</sup> position in district Nankana sahib.
- ✓ Studied at **full merit-based scholarship** in intermediate pre-engineering.

## MANAGEMENT EXPERIENCES

Played a vital part in planning and organizing the following events

- ✓ Grand Annual Meet up of early careers, engineers, industrialists and CEO's of companies (2017)
- ✓ K-12 Science activities in different private and government schools of Pakistan (2014-2017)
- ✓ UET Techweek as an organizing committee member (2017)
- ✓ More than 60 intra university events

## SKILLS

- |   |  |  |
|---|--|--|
| <ul style="list-style-type: none"> <li>• <b>Engineering</b> <ul style="list-style-type: none"> <li>✓ AutoCAD</li> <li>✓ Solid Works</li> <li>✓ ANSYS</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• <b>Interpersonal</b> <ul style="list-style-type: none"> <li>✓ Strong Leadership Qualities</li> <li>✓ Good Communication</li> <li>✓ Outstanding Management</li> <li>✓ Team Player</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• <b>Graphics</b> <ul style="list-style-type: none"> <li>✓ Adobe Photoshop</li> </ul> </li> <li>• <b>Others</b> <ul style="list-style-type: none"> <li>✓ MS Office</li> </ul> </li> </ul> |
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## REFERENCES

**Engr. Hibbah Akhtar**  
Lecturer  
Mechanical Engineering Department, UET Lahore  
[Hibbahakhtar@uet.edu.pk](mailto:Hibbahakhtar@uet.edu.pk)  
+92-334-4020187