

## MUHAMMAD HAROON QAISER

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### OBJECTIVE

To play my role in the technological advancements through an intense research aimed at technically sound and economically viable solutions in Materials Sciences and its allied Engineering fields.

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### EDUCATION

- *University of Engineering & Technology, Lahore.* 2006-10  
**B.Sc. Metallurgical & Materials Engineering (CGPA: 3.26/4)**  
Major Course work includes Inspection & Testing of Materials, Mechanics of Materials, Structural Metallurgy, Mechanical Metallurgy, Electric and Magnetic Materials, Heat Treatment, Thermodynamics, Surface Engineering, Fracture & Failure Analysis, Applied Physics, Corrosion Engineering, Ceramics, Polymers and Composites.
- *Govt. Shalimar College, Lahore.* 2004-06  
**F.Sc. (Pre-Engineering) in first division (Marks: 871/1100)**  
Major subjects include Physics, Chemistry & Mathematics.
- *WAPDA Model High School, Lahore.* 2001-03  
**Matriculation in first division (Marks: 676/850)**  
Major subjects include Physics, Chemistry, Mathematics and Biology.

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### PROFESSIONAL EXPERIENCE

- *Institute of Space Technology, Islamabad.* Till Date  
Serving as a **Lab Engineer** at Materials Science & Engineering Department. The Job Responsibilities include the designing and demonstration of various experiments regarding the course work of Engineering Students as well as Co-Supervising the Projects of undergrad students.
- *UET Lahore* December 2010  
Worked as a **Research Assistant** at the Department of Metallurgical & Materials Engineering and played my role to bridge the gap between academia & industry.
- *Sui Northern Gas Pipelines Ltd.* August 2009  
Worked as an **Internee** at the Corrosion Control Center, Kot Lakhpat, Lahore.
- *QADBROS Engineering (Pvt.) Ltd.* August 2008  
Worked as an **Internee** and analyzed the Engineering Designs, Induction Melting Units and the Heat Treatment Plant.

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### PERSONALITY TRAITS

- Pretty good in writing and doing speeches.
- Abilities of making Professional Presentations and presenting them efficiently.
- Excellent teaching Skills; I can give a lecture on any assigned topic with great effectiveness.
- Active learner; ability to adopt new trends.
- A good team member; ability to be synchronized.
- Good management skills developed through experience.

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## CO-CURRICULAR ACTIVITIES

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- Served as Quality Assurance Coordinator at Materials Science & Engineering Department, IST Islamabad and played my role to implement **ISO:9001** Quality Standards.
- Attended First National Space Conference organized by **SUPARCO** at Comstech Islamabad in September 2012.
- Attended Three days National Laboratory Immersion Program held at **LUMS** Lahore in June 2012.
- Attended the National Symposium on Nano Science and Technology at **NUST** Islamabad in May 2012.
- Participated in 2<sup>nd</sup> International Conference on Aerospace Science & Engineering (ICASE) held at **IST** Islamabad in December 2011
- Attended Two days Workshop on "Non-Destructive Evaluation of Weldments & their Remedies" held at the department of Metallurgy & Materials Science, **University of the Punjab**, in December 2010.
- Attended "Professional Development Program" at Institute of Space Technology Islamabad in July 2011.
- Represented UET Lahore in the ASM All Pakistan Conference on Materials MAT-TECH 2010 held at **GIK Institute** and presented a research article efficiently.
- Represented the Department of Metallurgical & Materials Engineering in the ASME Presentation Contest 2010 held at **UET Lahore**.

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## COMPUTER SKILLS

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| ▪ Operating Systems:          | Microsoft Windows        |
| ▪ Graphic Designing Software: | Corel Draw™              |
| ▪ Office Concern Software:    | Microsoft Office         |
| ▪ Programming:                | MatLab™, C++             |
| ▪ Engineering Software:       | Solid Edge, Pro-Engineer |

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## LANGUAGES

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- **English** – Medium of Instructions and Examination throughout my higher education, Very Good Speaking and Writing abilities
- **Urdu** – speak fluently and read/write with high proficiency
- **Punjabi** – speak, read, and write with basic competence.

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## MEMBERSHIPS

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- **SPE** International. (Society of Petroleum Engineers)  
Member since December 2009
- **ASME** International. (American Society of Mechanical Engineers)  
Students Advisor Materials Science & Engineering Section, IST Islamabad.
- **Materials Advantage**. (IST Student Chapter)  
Member Since 2012.

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## REFERENCE

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- To be furnished on demand