

FAHAD RIAZ

Metallurgy and Materials Science Engineer

LECTURER

Institute of Metallurgy and Materials Engineering, University of the Punjab, Lahore-54590, Pakistan

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EDUCATIONAL HISTORY:

- **2009 - 2012** **M.Sc. (Engg.) Metallurgy & Materials Science**
Department of Metallurgy and Materials Engineering, CEET,
University of the Punjab, Lahore, Pakistan
(3.52 CGPA) (Equivalent to UK First Class degree)

Thesis Title:
“Electrochemical Impedance Spectroscopy of Electropolished Pure Aluminum (99.99%) Sheet Prior to Nano-porous Anodic Alumina.”
- **2004 - 2008** **B.Sc. (Engg.) Metallurgy & Materials Science**
Institute of Chemical Engineering & Technology,
University of the Punjab, Lahore, Pakistan
Grade A+ (80.00%) (Equivalent to UK First Class degree)

Thesis Title:
“Characterization Of Epoxy Coatings Used As Internal Lining For Fuel Storage Tanks Through Thermal, Blister & Gravimetric Analysis.”
- **2001 - 2003** **HSSE Pre Engineering** (Equivalent to A Level)
Grade A (70.00 %)
BISE, GCU, Lahore
- **1999 - 2001** **SSE** (Equivalent to GCSE)
Grade A (78.00%)
FBISE, PES, Kuwait

ACHIEVEMENTS:

Second Position in M.Sc. (Engg.) Metallurgy & Materials Science.

PROFESSIONAL / RESEARCH EXPERIENCE:

- **March 28, 2012 to date** Working as a **Lecturer** at “Department of Metallurgy & Materials Engineering, CEET, University of the Punjab, Lahore, Pakistan”

Teaching Experience:

Actively engaged in teaching, conducting labs and developing/revising curricula for B.Sc. Engineering. The list of the subjects taught at bachelor level is given below:

- Introduction to Metallurgy & Materials Engineering
- Mechanical Properties of Engineering Materials
- Surface Engineering & Tribology
- Mineral Processing/Extractive Metallurgy
- Polymeric and Composite Materials
- Corrosion Engineering
- Metal Shaping Processes
- Foundry Engineering
- Physical Metallurgy
- Fuels and Furnaces

Extra Curriculum Responsibilities:

- In-Charge Sports
 - In-Charge Extra Curriculum Activities
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- **March 17, 2010 to March 27, 2012** Worked as a **Lab Engineer** at “Department of Metallurgy & Materials Engineering, University of the Punjab, Lahore, Pakistan”

 - **March 20, 2009 to March 16, 2010** Served as a **Research Scholar** at “Institute of Chemical Engineering & Technology, University of the Punjab, Lahore, Pakistan”

I contributed in the projects of “Disbondment of 3L Epoxy/PE Coating & Integrity of Gas Transmission Pipeline” and A Comparative Study of LM-6 and LM-25 Aluminum Silicon Alloys for commercial purposes. Due to my devotion I was given some Theory and Lab. classes to teach undergraduate students.

PROFESSIONAL SKILLS:

- Two days short course on **ISO 14001:2004** from Institute of Quality & Technology Management (IQTM), University of the Punjab Lahore.
- Two days short course on **ISO 17025:2005** from Institute of Quality & Technology Management (IQTM), University of the Punjab Lahore.
- Two days short course on **MATLAB** from Institute of Quality & Technology Management (IQTM), University of the Punjab Lahore.
- Two days short course on **Total Quality Management (TQM)** from Institute of Quality & Technology Management (IQTM), University of the Punjab Lahore.
- One day short course on **Balanced Scorecard** from COMSATS Institute of Information Technology.

COMPUTER SKILLS:

Have an excellent command over following computer programs/software to facilitate smooth functioning of a busy and reputed organization.

- Computer language: FORTRAN , C++
- Operating Systems: Microsoft Windows 98, 2000, XP, Vista, 7, 8
- Software Packages: Microsoft Office 2003, 2007, 2010, 2013
- Engineering Software: Mat Lab, Origin

PROFESSIONAL BODIES MEMBERSHIP:

- **Registered Engineer (METAL/2108)**, Pakistan Engineering Council
- **Associate Member**, Pakistan Institute of Chemical Engineers (PIChE), Pakistan
- **Member**, Society of Corrosion Engineers Pakistan (SOCEP)

LANGUAGE PROFICIENCY:

Fluent in English, Arabic and Punjabi

PERSONAL DETAILS:

Father's Name: RIAZ AHMED
Date of Birth: 9th June 1985
CNIC: 35202-3675709-7
Gender: Male
Marital Status: Married
Nationality: Pakistani

REFERENCES:

1. **Prof. Dr. Taqi Zahid Butt**
Ex-Dean, Faculty of Engineering and Technology, University of the Punjab, Lahore
2. **Prof. Dr. Muhammad Kamran**
Institute of Metallurgy and Materials Engineering, University of the Punjab, Lahore
3. **Prof. Dr. Tahir Ahmad**
Institute of Metallurgy and Materials Engineering, University of the Punjab, Lahore