

CURRICULUM VITAE

ENGR. FARAZ HUSSAIN

Institute of Metallurgy & Materials Engineering

Faculty of Chemical and Materials Engineering

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PERSONAL INFORMATION

Father's Name: Zahid Hussain
Date of Birth: 10-07-1986
C.N.I.C: 42301-5369777-7
Domicile: Punjab
Marital Status: Married
PEC Registration Number: Metal/2219
Home Address: House No. 27, Block-A, Gulshan-e-Ravi, Lahore

PROFESSIONAL HISTORY

Lecturer: Institute of Metallurgy and Materials Engineering, Faculty of Chemical and Materials Engineering, University of the Punjab, Lahore, Pakistan **(October, 2009 – Present)**

RESEARCH INTERESTS

- Advanced Electrochemical Test Methods (Corrosion Engineering)
- Foundry Engineering
- Materials Science
- Physical Metallurgy
- Biomaterials

ADMINISTRATIVE RESPONSIBILITIES

Convener: Institutional Performance and Data Processing Committee
Member: Institutional Examination Committee
Member: Institutional Quality Enhancement Cell Examination Committee
Member: Institutional PEC Visit Committee

ACHIEVEMENTS

Gold Medal and **Cash Prize** awarded by “University of the Punjab”, Lahore, in 118th Annual Convocation 2010 on standing 1st position in B.Sc. (Engg.) Metallurgy & Materials Science.

QUALIFICATION

Degree	Year	Subject	Percentage	Board / University
Matriculation	2002	Science	81%	Board of Secondary Education, Karachi
Intermediate	2004	Pre-Engineering	72%	Board of Intermediate and Secondary Education, Lahore
B.Sc. (Engg.)	2009	Metallurgy and Materials Science	88% (Gold Medalist)	University of the Punjab, Lahore
M.Sc. (Engg.)	2012	Metallurgical and Materials Engineering	83%	University of Engineering and Technology, Lahore

THESIS TITLE

B.Sc. (Engg.) Thesis: Electrochemical Study of 316 Stainless Steel Having Different Surface Characteristics for its Pitting Behavior in Ringer’s/Serum Solution

M.Sc. (Engg.) Thesis: Investigation of the Electrochemical Characteristics of API X56 and X70 Steel Pipes in Oil/Water Emulsion

TEACHING EXPERIENCE

Teaching (Theory & Practicals) the following subjects to the undergraduate classes of Metallurgy & Materials Science Engineering since October, 2009:

- Introduction to Metallurgy and Materials Engineering
- Mechanical Properties of Engineering Materials
- Non-Ferrous Production Metallurgy
- Foundry Engineering
- Physical Metallurgy
- Corrosion Engineering
- Fuels and Furnaces
- Statistical Methods and Estimation
- Numerical Analysis

PROFESSIONAL SKILLS

- Two months short course on **AutoCAD** from Institute of Quality & Technology Management (IQTM), University of the Punjab Lahore.
- 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.

PROFESSIONAL AFFILIATIONS

- **Registered Engineer (METAL/2219)**, “Pakistan Engineering Council”, Pakistan
- **Member** of “Society of Corrosion Engineers Pakistan (SOCEP)”, Pakistan
- **Associate Member** of “Pakistan Institute of Chemical Engineers (PIChE)”, Pakistan

LANGUAGE PROFICIENCY

Fluent in English, Urdu and Punjabi.

COMPUTER SKILLS

Operating Systems:	Windows 2000, Windows XP, Windows Vista, Windows 7, Windows 8, Windows 10
Software Packages:	MS Office 2019, AutoCAD
Languages:	FORTRAN, C++
Computer Hardware:	Hardware & Software Troubleshooting, Hardware Assembling

REFERENCES

1. **Prof. Dr. Muhammad Taqi Zahid Butt**
Ex-Dean, Faculty of Engineering & Technology, University of the Punjab, Lahore, Pakistan.

2. Prof. Dr. Muhammad Kamran

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

3. Prof. Dr. Tahir Ahmad

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