

SEHRISH MUKHTAR

Contact Details:

Institute of Metallurgy & Materials Engineering, University of the Punjab, New Campus,
Lahore, Pakistan. 54590.
sehrish.imme@pu.edu.pk
0092 42 9923 1064

Objective:

To always striving hard for knowledge and progressive work place with an endeavor to research in constructive field by exercising my academic knowledge

ACADEMIC HISTORY

PhD Scholar Metallurgy & Materials Engineering
University of the Punjab Lahore, Pakistan.

MSc Metallurgy & Materials Engineering
University of the Punjab Lahore, Pakistan.

Sep. 2011- Feb2014

Specialization: Bio-materials

Thesis: Development and Characterisation of Stable Si based Aluminides on SS316L by Hot Dipping.

BSc Metallurgy & Materials Engineering
University of the Punjab Lahore, Pakistan.

Dec. 2006- Mar. 2010

Thesis: Development and Characterization of Biocompatible Coating for Orthopedic Implant Material

HSSC (Pre-Engineering)

2004 - 2006

Federal Board of Intermediate and Secondary Education Islamabad, Pakistan.

Research papers & Publications:

- M. A. Makhdoom, M. Kamran, G. H. Awan, **S. Mukhtar**, "Effect of multi-passes on microstructure and electrochemical behaviour of weldments", Metallurgical and Materials Transactions A, 2013.
- **Sehrish Mukhtar***, Tahir Ahmad, M. Kamran, Majid Niaz Akhtar, Rafiq Ahmad," Studying the Effect of Aluminium Coating on Stainless Steel 316L and Alpha Iron" journal of Faculty of Engineering and Technology, Vol 23, No 2 (2016)
- Improvement in mechanical and thermal properties of unsaturated polyester- based hybrid composites

Trainings & Seminars:

- **NFTC Outcome-Based Engineering Education Training No.3**, 11,12 June 2021

- **International Symposium on Advances in Metallurgy and Materials** 24-26 September, 2019, Department of Metallurgy and Materials Engineering Pakistan Institute of Engineering and Applied Sciences
- **IRCBMs 4th Dental and Biomaterials Summer Camp** 2018, 31 July - 03 August 2018 at IRCBM, CUI, Lahore Campus.
- **“4th international symposium on biomedical material Translational Research and Commercialization”** at IRCBM COMSATS, Lahore. 15th to 17th Dec, 2014.
- **“3rd Symposium on engineering Sciences”** at Punjab University, 22nd April, 2010.
- **“2nd International Symposium on Biomedical Material”** at IRCBM COMSATS, Lahore. 6th -7th July, 2010.
- **“Short course in ISO14001:2004”** at IQTM Punjab university, 07th -08th June

EMPLOYMENT HISTORY

Current Experience

Lecturer

Dec2011 – To Date

**University of the Punjab
Lahore, Pakistan.**

Notable Accomplishments:

- Successfully supervised two projects of BSc Engineering students.
- In-charge of advanced Metallography Lab.
- Core team member of Pakistan Engineering Council accreditation of Metallurgy & Materials Engineering Department, University of the Punjab Lahore.

Previous Experience

Research Associate

Sep 2011 – Dec2011

**COMSATS
Lahore, Pakistan.**

Notable Accomplishments:

- Thermal degradative analysis of novel composite.
- Dissolution study of nano-apatites and their composites.

In-charge and competent user of Fourier transformed infrared spectroscopy , Thermo gravimetric Analysis, and Differential Scanning Calorimetry.