

Engr. Sajida Shaikh ,Lecturer (MYD; NED .UET).

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Pakistan.*

ACADEMIC CAREER

M.E (Materials Engineering) NED University of Engineering & Technology, Karachi. (CGPA 3.5) (2016)

B.E (Materials Engineering) -NED University of Engineering & Technology, Karachi. (CGPA 4.7 ,3rd position) (2011)

HSC (Pre-Engineering) –Govt. Degree Science& commerce College, Karachi (Grade A 75%) (2007)

SSC (Science) Indus Public School System, Karachi. (2005) (Grade A-1 85.29%)

TEACHING EXPERIENCE

Visiting faculty : Institute of Industrial Electronics Engineering: IIEE

Taught as Visiting Faculty in IIEE from July 2012-June 2013

Lecturer : NED University of Engineering and Technology

Department of Metallurgical Engineering, NED University, 10th Feb 2016 – 14th march, 2018

Assistant Professor : NED University of Engineering and Technology

Department of Metallurgical Engineering, NED University, 15th March, 2018- 21st Nov, 2020

Department of Metallurgical Engineering, NED University, 21st Nov, 2020- Todate

Lab Incharge: Powder Metallurgy And Deterioration Lab

Department of Metallurgical Engineering, NED University. Feb 2016 – 21st Nov, 2020

TECHNICAL SKILLS

- Hand on Experience with common Non Destructive Testing.
- Skilled in Metallography, Optical and Stereo Microscopy.
- Trained in spectroscopy
- Trained in Potentiostat
- VSM

RESEARCH INTEREST

- Corrosion rate analysis of different metals via different environment & heat treatments
- Synthesis, characterization & application of nanomaterial , composite materials , powder sintered materials , ceramic materials
- Green Synthesis
- Electro-Ceramics

Research (BE & ME):

- Development and characterization of Carbon/glass fiber reinforced Aluminum composite
- Analysis of changes in morphology of human hair with different cosmetics use, by scanning electron microscope

RESEARCH PUBLICATIONS

Effect of cryogenic treatment on mechanical properties of AISI 4340 steel, In progress for International Symposium of Advanced Materials.

TAUGHT COURSES

1. Physical Metallurgy
2. Inspection and testing
3. Corrosion prevention and protection
4. Surface coatings
5. Metal forming and shaping
6. Metallurgy of Welding
7. Quality Control

