

Dr. Akbar Niaz

Assistant Professor



Personal Data:

Nationality | Pakistani
Date of Hire | 11 August 2015
Date Rank Obtained | 11 August 2015
Department | Materials/Mechanical
Email | abutt@kfup.edu.sa
Office No | 2024
Office Phone No | 0135899725

Education:

Academic Degree	Major	specialty	Place of Issue	Address	Date
Doctorate (PhD)	Materials	Corrosion Control	Nottingham (UK)	NG7 1RD	13/07/13
Masters (M.Sc.)	Materials	Corrosion Control	Manchester (UK)	M13 9PL	21/11/03
Bachelor (B.Sc.)	Met. & Mat.	Materials	Lahore (Pak)	Lahore	11/04/200

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions):

PhD	Electrochemical corrosion testing of HVOF coatings
Master	Pitting study of laser surface melted Al-Cu alloys

Experiences:

Title of Job	Address of Work	Country	Date	
Assistant Professor	College of Engineering (KFU)	KSA	From	11/10/15
			To	To date
Assistant Professor	Institute of Space Technology	Pakistan	From	2013
			To	2015
Research Associate	Ghulam Ishaq Khan Institute	Pakistan	From	2006
			To	2008

Research Interests:

1. Corrosion Testing
2. Surface Engineering and Coatings
3. Welding and joining of Materials
4. Mechanics of Materials

Publications:

#	Name of author(s)	Title of Publication	Publisher and Date of Publication	Link of Publication
1	Abbasi A.A, Mateen, A, Niaz A, Rehman MA.U, Wadood A,,	Development and Characterization of Natural Chromite Coating on Metal Substrate Using the Plasma Spray Process	April 2023	https://pubs.acs.org/doi/10.1021/acsomega.3c00194
2	Batool, S.A.; Salman Maqbool, M.; Javed, M.A.; Niaz, A.; Rehman, M.A.U.	A Review on the Fabrication and Characterization of Titania Nanotubes Obtained via Electrochemical Anodization	November 2022	https://www.mdpi.com/2571-9637/5/4/33
3	Niaz, A.; Al Fuhaid, A.F.; Faraz, M.I.	Understanding Corrosion Degradation Processes of a Multi-Component CoNiCrAlY-Coating System	September 2022	https://www.mdpi.com/2079-6412/12/10/1396
4	Fuhaid, A.F.A.; Niaz, A.	Carbonation and Corrosion Problems in Reinforced Concrete Structures.	May 2022	https://www.mdpi.com/2075-5309/12/5/586

Language Proficiency:

1. English
2. Urdu
3. Punjabi