

Welcome to KFUPM

Dr. Salman Noshear Arshad

Associate Professor

Materials Science and Engineering Department

Affiliated with Interdisciplinary Research Center for Hydrogen Technologies & Carbon Management



Education:

PhD. from the University of Illinois
at Urbana-Champaign, USA, 2014

Previous Institution:

Lahore University of Management
Sciences, Lahore, Pakistan
Associate Professor, 2021–2025

Research Profile (SCOPUS):

Total Citations: **1,988**

Total Journal Publications: **35**

H-index: **15**

Professional Interests:

Nanomaterials synthesis, hybrid and composite materials, energy storage, electrocatalysis and photo-catalysis, as well as advanced materials characterization.

About Dr. Arshad:

Dr. Arshad specializes in electrospinning for the synthesis of nanofibers and their composites. His research focuses on developing finely dispersed nanomaterials for electro- and photocatalysis, with potential for scalable applications. He is particularly interested in harnessing these materials for sustainable energy solutions, including hydrogen generation through water splitting, and energy storage via supercapacitors and batteries. He is also engaged in advanced materials characterization, aiming to uncover structure–property relationships that drive performance improvements.