

## Umair Manzoor

Professor

School of Chemical & Materials Engineering

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## About

Dr. Umair Manzoor is working as Professor in the School of Chemical & Materials Engineering. Dr. Umair Manzoor has a PhD in Nanotechnology-Nanomaterials Synthesis And Applications. Dr. Umair Manzoor has published 3 research articles & conference papers having a citation count of 46, carried out 3 projects and filed 0 intellectual property.

## Qualifications

<b>PhD in Nanotechnology-Nanomaterials Synthesis And Applications</b> Korea Advanced Institute of Science & Technology , Korea	2002 - 2006
<b>MS in Materials Science &amp; Engineering</b> Korea Advanced Institute of Science & Technology , South Korea	2000 - 2002

## Experience

<b>Professor</b> School of Chemical & Materials Engineering	2024- Present
<b>Professor</b> School of Chemical & Materials Engineering	2018 - 2018
<b>Professor</b> School of Chemical & Materials Engineering	2016 - 2018
<b>Professor &amp; Dean of Research</b> NUTECH , NUTECH	2018 - 2024
<b>Assistant Prof</b> King Saud University , Riyadh, KSA	2011 - 2016
<b>Assistant Professor</b> COMSATS IIT , Islamabad	2006 - 2014
<b>Lab Engineer</b> GIKI , Topi	1998 - 1999

## Awards

<b>Best Research Group</b> Won "Best Research Group Award" for year 2011-2012 among all 56 research chairs in the Science and Engineering Colleges of King Saud University (part of team, including 4 PhDs and 5 researchers)	2012
<b>KAIST Int Admiss Officer</b> Appointed as International Admissions Officer of Korea Adv. Inst. of Sci. and Tech. (KAIST) S Korea from Mar 2009 ~Mar 2012	2009
<b>Post Docs</b> Won 2 Post-Doctoral fellowships	
<b>Scholarships</b> full scholarships for MS and special scholarship for PhD	

## Professional Memberships

<b>PEC</b>	Since 2011
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Research Projects

National Projects

4th ASEAN-Pakistan Conference on Materials Science (APCoMS 2025)	2025
Funding Agency: ASEAN Pakistan Collaboration Fund	
Amount: PKR 24,780,568.00	
Status: Approved_inprocess	
Establishment of Centre of Research in Surface Engineering (CoRiSE), NUST, Islamabad	2024
Funding Agency: Ministry of Science and Technology	
Amount: PKR 1,271,219,000.00	
Status: Approved_inprocess	

International Projects

Industry Projects

National Projects

Testing Thermal Efficiency of Gas Storage Water Geyser	2024
Client: Hotwell industries	
Amount: PKR 50,000.00	
Status: Completed	

International Projects

Research Articles

Effect of Ethane-1,2-Diamine on Growth of ZnO Nanorods and Cyclohexane Sensing by Current-Voltage Characteristics Investigations	2018
Sofia Javed Muhammad Aftab Akram Shazrah Shahzad Dawar Ali Jawad Asif Muhammad Zafar Khan Umair Manzoor Muhammad Mujahid	
Key Engineering Materials , Volume 778, Pages 126-131	
Impact Factor: 0	
DOI: 10.4028/www.scientific.net/KEM.778.126	
Qualitative and quantitative analyses of copper ores collected from Baluchistan, Pakistan using LIBS and LA-TOF-MS	2018
Nasar Ahmad Rizwan Ahmed Zeshan A. Umar1 Usman Liaqat Umair Manzoor M. Aslam Baig	
Applied Physics B: Lasers and Optics, Volume 124, Article Number 160	
Impact Factor: 1.769   Quartile: 3   Citations: 29	
DOI: 10.1007/s00340-018-7032-8	
Synthesis of multiwalled carbon nanotube-based infrared radiation detector	2012
Arshad Saleem Bhatti Umair Manzoor Rahat Afrin Jibran Khaliq Mohammad Islam Iftikhar Hussain Gul	
Sensors and Actuators A-Physical , Volume: 187 Pages: 73-78	
Impact Factor: 1.841   Quartile: 1   Citations: 17	
DOI: 10.1016/j.sna.2012.08.028	