



# Gulraiz Khan

Lecturer

## Personal Data

Nationality | Pakistani

Department | Environmental Engineering

Official UoD Email | gkhan@uod.edu.sa

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## Language Proficiency

Language	Read	Write	Speak
Arabic	Excellent	Excellent	Beginner
English	Very good	Very good	Very good
Urdu	Native	Excellent	Excellent

## Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
April 2009	Msc Oil and Gas Technology	Aalborg University, Esbjerg, Denmark	Neils Bohrs Vej 8, 6700 Esbjerg, Denmark
September 2005	Msc Chemical Engineering	Punjab University Lahore	Canal Road Lahore
2002	Bsc Chemical Engineering	University of Engineering and Technology Peshwar	Peshawar, Pakistan

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

Msc Oil and Gas Technology	Microbial Enhanced Oil recovery collaboration with Ribe Waste treatment and biogas, Esbjerg Denmark.
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## Professional Record:

Job Rank	Place and Address of Work	Date
Lecturer	Environmental Engineering Department, College of Engineering, University of Dammam	December 2011 to Date



Young Professional Board Member	Society of Petroleum Engineers (SPE International) Copenhagen Section, and Denmark	March 2009- June 2012
Senior Professional Board Member	Society of Petroleum Engineers (SPE International) Saudi Arabian Section, Student Outreach Chapter Supervisor/ Head at Imam Abdulrehman Bin Faisal University	September 2012-2023

#### Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Brand Manager, Royal Dutch Shell Oil	Schneider Electric SA, 43-45, Boulevard Franklin Roosevelt, 92500 Rueil-Malmaison, France	April 2007-June 2008

#### Scientific Achievements

##### Published Refereed Scientific Researches

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	Ihsanullah Ihsanullah, Arshad Jamal, Muhammad Ilyas, Mukarram Zubair, Gulraiz Khan, Muataz Ali Atieh	Bioremediation of dyes: Current status and prospects	Journal of Water Process Engineering, 2020
2	Muhammad Taha a, *, Nizam Uddin b, Muhammad Ali c, El Hassane Anouar d, Fazal Rahim e, Gulraiz Khan f, Rai Khalid Farooq g, Mohammed Gollapalli h, Naveed Iqbal i, Muhammad Farooq j, Khalid Mohammed Khan k	Inhibition potential of phenyl linked benzimidazoletriazolothiadiazole modular hybrids against $\beta$ glucuronidase and their interactions thereof	International Journal of Biological Macromolecules

##### Current Researches



#	Research Title	Name of Investigator(s)
1	Adsorptive Performance of EBT and CR dye using green coffee waste 2021	Nawaf Blaisi, Mohammad Saood Manzar, Mukarram Zubair , Gulraiz Khan, Umair Baig
2	Comparative Adsorptive performance of four kinds of selective dust for removal of EBT dye, 2019	Nawaf Blaisi, Muhammad Manzar, Mukarram Zubair, Ihsanullah Gulraiz Khan

### Membership of Scientific and Professional Societies and Organizations

- AICHE-Saudi Chapter
- SPE Saudi Chapter ( IAU University Chapter)
- ACS-Saudi Chapter

### Teaching Activities

#### Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Unit Operation and processes I & II	ENVEN 411	12-15
4	Wastewater Engineering II	ENVEN 422	12-15

#### Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

1	Unit Operation and processes I (Coagulation flocculation, adsorption, precipitation, filtration, ion-exchange)
2	Unit operation and processes II (SDI, SVI, advanced oxidation, anerobic and aerobic reactor, chlorination, reverse osmosis)
3	Environmental Chemistry (pH, turbidity, color, hardness, alkalinity, acidity, BOD, COD )
4	Air Pollution Control (cyclones, venture scrubber, spray chamber, filter bags, electrostatic precipitator)
5	Wastewater Engineering II (advanced oxidation, aerobic reactor, dissolved air flotation, sewage sludge reactor)

#### Student Academic Supervision and Mentoring

#	Level	Number of Students	From	To
1	Undergraduate	4	Jan-2015	June-2015
2	Undergraduate	6	Jan-2016	June-2016
3	Master	1	Sept 2017	June 2017
4	Undergraduate	2	Sept 2017	June 2018



5	Undergraduate	5	Sept 2018	June 2019
6	Undergraduate	4	Sept 2019	June 2020
7	Undergraduate	5	Sept 2020	June 2021
8	Undergraduate	4	Sept 2021	June 2022
9	Undergraduate	4	Sept 2022	Continue

## Administrative Responsibilities, Committee and Community Service

### Committee Membership

#	From	To	Position	Organization
1	Sep 2015	Onwards	Member	Quality Committe, IAU
2	Sept 2016	Onwards	Advisor	External Advisory Committe

### Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	Microsoft Office 2018
2	Origin Lab 8-10
3	Design of Expert 11
3	Material Characterization instruments (SEM, BET, FTIR, DSC, TGA, XRD)

### Last Update

2701/2023