

Danish Ahmed khokhar

Date of birth: 04/02/1996 | **Nationality:** Pakistani | **Phone number:** (+92) 3173237547 (Mobile) | **Email address:**

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Address: House no: B 72 Al-khair near Bypass road, Qasimabad, Hyderabad, 71000, HYDERABAD, Pakistan (Home)

About me:

1. To get an opportunity to improve and enhance my technical and management skills, and to contribute in the growth and vision of institute.
2. Having Excellent interpersonal and Strong Communication skills
3. Smart/intelligent working skills and having ability to work for long hours.
4. Having sound knowledge about SOPs of institutes.

● WORK EXPERIENCE

11/07/2023 - CURRENT Jamshoro, Pakistan

Lecturer Institute of Environmental Engineering and Management, MUET

Responsibilities

1. Course development for undergraduate and postgraduate students.
2. Supervision of Students for their Research projects and lab work.
3. Writing of Research Proposals and Paper work.
4. Collaboration with seniors for different research projects.
5. Lecturer Training and Development.
6. Conferences Presentations and Trainings to undergraduate and postgraduate students.
7. Collaborated with researchers and scientists to design and execute experiments.

02/11/2022 - 06/7/2023 Jamshoro, Pakistan

RESEARCH ASSISTANT USPCAS-W, MUET

Responsibilities

1. Worked both independently and collaboratively in laboratory environment.
2. Performed statistical, qualitative, and quantitative analysis.
3. Gathered, arranged, and corrected research data to create representative graphs and charts highlighting results and presentations.
4. Recorded experimental findings in laboratory notebook to analyze and interpret experimental findings.
5. Maintaining and calibrating various types of lab equipment.
6. Maintained up-to-date records of research activities and results for future reference.
7. Trained and supervised junior technicians in laboratory protocols.

03/06/2021 - 14/08/2022 Daharki, Pakistan

OPERATION ENGINEER GENCOM SERVICES (PVT) LIMITED MARI PETROLEUM DAHARKI

Responsibilities:

1. Operation of 50 MMSCFD gas compression.
2. Plant startup and shutdown of engine driven compressors (Waukesha 275GL= and Arial KBZ4).
3. Responsibilities to check all equipment and instrument to run smoothly.
4. Responsible for preparing schedule for inspection and maintenance.
5. Coordination with maintenance personnel to ensure maintenance activities are conducted with the least disruption to production.
6. Responsible for maintaining the logbook and coordinates with senior.
7. Performing all work activities as per procedure and policies in a safe and environmentally acceptable manner.
8. Developed and implemented process improvements to reduce costs and increase efficiency in industrial production.
9. Provided independent technical reviews of operational procedures and plans to eliminate functional bottlenecks.

Responsibilities

1. Coordination with senior officials and O&M Staff.
2. Monitor Plant Operation and Analyzing the production as well as lab reports,
3. Responsible for plant smooth startup and shutdown during shutdown and troubleshooting and emergency handling.
4. Develop a safe and healthy working environment.
5. Natural gas sweetening using Di-Ethanol Amine as absorbent.
6. Gas dehydration using Mono Ethylene Glycol section to absorb water and Operation of Amine regeneration process.
7. Supervising routine maintenance job and coordinating with mechanical, Electrical, Instrumentation equipment's.
8. Implementing health and safety and environment protocol for accident-free operations.

● **EDUCATION AND TRAINING**

21/08/2018 - 28/08/2021 Jamshoro, Pakistan

MS ENVIRONMENT [3.56 CGPA] Mehran University of Engineering Science and Technology

Address Jamshoro, Pakistan | **Website** <https://www.muets.edu.pk/>

07/01/2014 - 07/02/2018 Nawabshah, Pakistan

BE CHEMICAL [77.2 %] Quaid e Awam University of Engineering Science and Technology

Address Nawabshah, Pakistan | **Website** <https://quest.edu.pk/>

12/08/2011 - 17/05/2013 Hyderabad, Pakistan

INTERMEDIATE [77.7 %] BISE Hyderabad

Address Hyderabad, Pakistan | **Website** <https://www.biseh.edu.pk/>

27/08/2009 - 09/05/2011 Hyderabad, Pakistan

MATRICULATION [80 %] BISE Hyderabad

Address Hyderabad, Pakistan | **Website** <https://www.biseh.edu.pk/>

Language

Mother tongue(s): **Sindh**

Other language(s):

	UNDERSTANDING	SPEAKING	WRITING
ENGLISH	C1	B2	B2
Urdu	C1	C1	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **DIGITAL SKILLS**

Microsoft Office Zoom Google Drive Outlook

PUBLICATIONS

Efficient degradation of Atrazine from Synthetic water through photo-catalytic activity supported by Titanium dioxide nanoparticles.

- 2023

Published in Journal "Zeitschrift fur Physikalische Chemie" (I.F-4.5)

Impact of Sintering Temperature on the AL₂O₃ electrolyte

- 2023

Published in Journal "Zeitschrift fur Physikalische Chemie" (I.F-4.5)

Comparative Assessment of Fuels Pellets Produced by Processing and Blending of Textile Wastewater Sludge and Cattle Manure

- 2023

Under Review in "Journal of Energies MDPI"

COURSES

Capacity Building offered by Mehran University

22/05/2023 - 26/05/2023

Water and Wastewater Quality Analysis

09/06/2020 - 30/06/2020

Oil and Gas Industry Operations and Markets

Online course offered by Duke university

06/06/2020 - 14/06/2020

Potable water treatment

Online course offered by The Open University

REFERENCES

Will be provides upon request
