Curriculum Vitae

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Asif Khan (PhD)

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Address: Village & PO Lund Khwar, District Mardan, Khyber Pakhtunkhwa, Pakistan

**Career Objective**

* An enthusiastic, adaptive and fast-learning person with a broad and acute interest in environmental Pollution, I particularly enjoy collaborating with scientists from different disciplines to develop new skills and solve new challenges.

**Experience**

1. **Safety Supervisor**

“Keystone Construction Company”

**July 2022 – Till to date, Islamabad, Pakistan**

1. **Safety Supervisor**

“Royal Commission Project ”

**December 2020 – Jun 2022 ( 1.6 Years), Jubail, KSA**

1. **Health Safety& Environmental**

“Gurya Oil Industry”

**December 2019 – November 2020 (11Months), Industrial area Hayat Abad, Peshawar**

1. **Research Associate** (Pak-USA Project)

“Department of Chemistry, Abdul Wali Khan University Mardan”

**February 2016 – November 2019 (3.9 years), Mardan, Khyber Pakhtunkhwa, Pakistan**

1. **Project Coordinator (as a Consultant)**

“Consulting Group of Economics, Education and Management Combined Organization” (CEMCO)

**December 2012 – February 2016 (3.2 years) Peshawar, Khyber Pakhtunkhwa, Pakistan**

1. **Healath and Safety Manager**

“Asco Steel Sdn. Bhd.” (ASCO)

**June 2014 – August 2015 (3 months), Kuala Lumpur, Malaysia**

1. **Water Sanitation and Environmental Officer**

WaterAid and Europe Union Commission

**September 2012 – December 2013 (1.3 years), Mardan, Khyber Pakhtunkhwa, Pakistan**

1. **Environmental Officer**

Integrated Regional Support Program (IRSP)

**October 2011 – September 2012 (1 year), Mardan, Khyber Pakhtunkhwa, Pakistan**

1. **Monitoring and Evaluation officer**

Environmental Protection Agency (EPA)

**February 2010 – August 2011 (1 year 7 months), Abbottabad, Khyber Pakhtunkhwa, Pakistan**

1. **Water Sanitaion and Health Officer**

Human Development Organization Doaba (HDOD)

**March 2009 – December 2009 (10 months), Mardan, Khyber Pakhtunkhwa, Pakistan**

1. **Environmental Officer**

Integrated Regional Support Program (IRSP)

**March 2006 – November 2008 (2 years 9 months), Mardan, Khyber Pakhtunkhwa, Pakistan**

1. **Water Quality Analyst**

Pakistan Counsel of Sciences and Industrial Research Peshawar (PCSIR)

**March 2007 – November 2007 (9 months), Peshawar, Khyber Pakhtunkhwa, Pakistan**

1. **Assistant Chemist**

Gull Cooking Oil & Vegetable Ghee Mill (Pvt) Ltd

**May 2002-August 2003 (1.7 years), Dargai, Malakand, Khyber Pakhtunkhwa, Pakistan**

**Academic Career**

1. Degree Name: Doctor of Philosophy (PhD)

Specialization: Environmental Chemistry

Department: Department of Chemistry

Address: Abdul Wali Khan University Mardan, KPK, Pakistan

Session: 2016-2020

1. Degree Name: M. Phil/Master of Sciences

Specialization: Environmental Sciences (Water Sanitation Health and Development)

Address: Comsats Institute of Information Technology, Abbottabad, KPK

Session: 2009- 2011

1. Degree Name: Bachelor of Education (B. Edu)

Specialization: Education

Address: Allama Iqbal Open University Islamabad

Session: 2017- 2018

1. Degree Name: Bachelor (4 years) in Environmental Sciences

Specialization: Environmental Sciences

Address: University of Peshawar, KPK

Session: 2004- 2009

1. Degree Name: Engineering

Level Attained: Chemical Technology

Address: Government College of Technology Kohat Road Peshawar, KPK

Session: 1999- 2002

1. Diploma Name: NEBOSH

Specialization: Health Safety and Environment

Address: Safety Plus Training International (SPTI), Shergarh, Mardan

Session: June 2022

1. Diploma Name: Managing Safely- IOSH

Specialization: Health Safety and Environment

Address: Safety Plus Training International (SPTI), Shergarh, Mardan

Session: June-2020

1. Certificate Name: Higher Secondary School Certificate

Level Attained: Sciences Group

Address: Baizai Public High School Lund Khwar, Mardan, KPK

Session: 1999

1. Certificate Name: Software Application

Level Attained: MS-Office Automation

Address: Postal Information Technology Center Peshawar, KPK

Session: 2002

1. Certificate Name: Hardware Application

Level Attained: Hardware (A++)

Address: Institute of Computer and Study, Lund Khwar, Mardan, KPK

Session: 2009

1. Certificate Name: Global Information System (GIS)

Address: HARIS Institute Rawalpindi

Session: 2018

1. Certificate Name: The COSHH Risk Assessor Certifications

Address: The KNIGHTS of SAFETY

Session: 2019

1. Certificate Name: ISO 9001:2015 Quality Management System Foundations

Address: The KNIGHTS of SAFETY Academy

Session: 2019

1. Certificate Name: ISO 14001:2015 Environmental Management System Awareness

Address: The KNIGHTS of SAFETY Academy

Session: 2020

1. Certificate Name: ISO 45001:2018 Occupational Health & Safety Management System Awareness

Address: The KNIGHTS of SAFETY Academy

Session: 2020

1. Certificate Name: ISO 50001:2018 Energy Management System Awareness

Address: The KNIGHTS of SAFETY Academy

Session: 2020

1. Certificate Name: Personal Protective Equipment (PPE)

Address: The KNIGHTS of SAFETY Academy

Session: 2020

1. Certificate Name: COSHH Hazard Communication Awareness

Address: The KNIGHTS of SAFETY Academy

Session: 2020

1. Certificate Name: Health and Safety Induction

Address: The KNIGHTS of SAFETY Academy

Session: 2020

**Workshops & Training Attended**

1. Trained on “Environmental Health In Emergencies” from World Health Organization
2. Training of Master Trainers on “Alternatives to Corporal Punishments in School” Building Bridges
3. Trained on “Community-Led Total Sanitation (CLTS)” from IRSP and WaterAid Joint Program
4. Trained on “Bio-Sand filter” in Comsats Institute of Information Technology, Abbottabad

**Certificate and Awarded**

1. Pakistan – United States Science and Technology Cooperation Program
2. “International program funded by the Norwegian Government and is operated by COMSATS Institute of Information Technology, Abbottabad”
3. “28th National and 16th International Chemistry Conference on Chemistry and Global Challenges”
4. “Appreciation Certificate” from Camp In-charge, Jalala IDPs Camp, Mardan
5. “Letter of Recommendation” from Camp In-charge, Jalala IDPs Camp, Mardan
6. “Legal Education for CSOs On woman and Child Rights”, by WASFD Organization
7. “Risk Assessment Training” arranged by Safety Plus Training International (SPTI), Shergarh, Mardan.
8. “Work at height Training” arranged by Safety Plus Training International (SPTI), Shergarh, Mardan.

**Interest & Activities**

* Plantation
* Sports
* Reading Books
* Computer
* Soft wares
* Internet

**Computer Skills**

* MS Word, MS PowerPoint, MS Excel
* Internet & Web surfing
* Window98, Window XP, Window2000, Window7
* Hardware (A++)

**Key Responsibilities as HSE**

* Work with the HSE Manager to implement and monitor the health, safety & environmental management systems
* Involved in organizing and conducting HSE-related activities, trainings and preventive
* Programmers to create awareness among employees.
* Support in planning, coordinating and implementation of site safety, occupational health
* Environmental, fire prevention, emergency response and security management issues.
* Undertake other HSE-related projects/activities as required.
* Hazard Identification and Risk Assessment.
* To prepare the plan for Ambulance Mobilization in case of “Emergency”.
* To prepare the plan for placement of “Fire Fighting Equipment”.
* To participates in preparation of “HSE Plan

**Skills**

* Flexibility
* Teamwork
* Leadership skills
* Computer literacy
* Human Relation skills
* Planning and organizing
* Prioritizing work management
* Attention to detail and Accuracy
* Training / Coaching / Presentation Skills
* Small, vessel inspection according to IMO
* Communication skills - Written and verbal
* Conceptual, Analytical and problem solving skills
* Working knowledge in safety-related legislation and legal obligations
* Identify and deal with harmful and dangerous situations especially in the construction industry.
* Familiar with lifting operations, scaffolding work; preparation of training modules for Induction training, training for different trades like a rigger, crane operator, scaffolder etc.

**Research Topics**

* Assessing The Causes Of Groundwater Nitrate Pollution In The Arid And Semi Arid Areas Of Khyber Pakhtunkhwa, Pakistan (**PhD Research Topic**)
* Evaluation of Water Quality and Health Issues Associated With Pit Latrines in the Rural Area of District Charsadda (KPK, Pakistan) (**Master Research Topic**)
* Evaluation of Drinking Water Quality of Lund Khwar, Tehsil Takht Bhai, District Mardan (KPK, Pakistan) (**Bachelor Research Topic**)

**Final Year Engineering Project**

* Chemical Analysis in Charat Cement Factory, Khyber Pakhtunkhwa

**Internship**

* Internship in Pakistan Council of Scientific and Industrial Research (P.C.S.I.R) Lab: on Water Analysis

**Language**

**Read Write Speak**

**English** Excellent Excellent Excellent

**Urdu**  Excellent Excellent Excellent

**Pashto** Excellent Excellent Excellent

**Research Publications**

1. *Mr. Asif Khan and Dr. Muhammad Irshad* “Evaluation of Water Quality and Health Issues Associated with Pit Latrines in the Rural Area of District Charsadda”. *4th International Conference on "Environmentally Sustainable Development (EsDEV)" July 24, 2011*
2. *Noor Faraz, Muhammad Balal Arain, Nasrullah Shah, Hameed Ul Haq, Asif Khan, Muhammad Saad, Safi Asim Bin Asif* “Development of Deep Eutectic Green Solvent Micro Extraction Method for Trace Analysis of Nicolsamide.” ***30th National & 18th International Chemistry Conference on Recent Trends in Chemistry- CCUMT-2019***
3. *Mohammad Naeem, Zifeng Yan, Fazle Subhan, Atta Ullah, Sobia Aslam, Mohammad Ibrahim, Momin Khan, Nasrullah Shah, Dilawar Farhan Shams, Asmat Ullah, Abbas Khan, Saleem Ullah, Amir Zada, Inamullah, Muhammad Haris, Asif Khan.*Effective performance of CeO2based silica for preparation of octanal. *Journal of Porous Materials, 2020*
4. *Noor Faraz, Hameed ul Haq, Muhammad Balal Arain,R. Castro Munoz and Asif Khan,* “Deep Eutectic Solvent based Method for Analysis of Nicolsamidein pharmaceutical andwastewater samples- a green analytical chemistry approach”. *Journal of Molecular Liquids, 2021*
5. *Khan, Asif; Naeem, Muhammad; Zekker, Ivar; Arianc, Muhammad Balal; Michalskid, Greg; et al (2021)*. Multivariate statistical analysis of heavy metals and physico-chemical parameters in the groundwater of Karak District, Khyber Pakhtunkhwa, Pakistan. Proceedings of the Estonian Academy of Sciences. Chemistry, 3 (X, X), XX−XX. *DOI: 10.3176/proc.2021.3.08*
6. *Khan, A., Naeem, M., Balal, M. et al.*Assessing the physico-chemical parameters and some metals of underground water and associated soil in the arid and semiarid regions of Tank District, Khyber Pakhtunkhwa, Pakistan.*Environ Monit Assess 193, 610 (2021).* [*https://doi.org/10.1007/s10661-021-09370-x*](https://doi.org/10.1007/s10661-021-09370-x)
7. *Asif Khan, Muhammad Naeem, Ivar Zekker, Muhammad Balal Arian, Greg Michalski, et al.* (2021) Evaluating groundwater nitrate and other physicochemical parameters of the arid and semi-arid district of DI Khan by multivariate statistical analysis, Environmental Technology, *DOI:*[*10.1080/09593330.2021.1987532*](https://doi.org/10.1080/09593330.2021.1987532)
8. *Fazal Elahi, Muhammad Balal Arian, Wajid Ali, Greg Michalski, Hameed ul Haq, Asif Khan et al.* (2021). Ultrasound-assisted deep eutectic solvent-based liquid-liquid microextraction for simultaneous determination of Ni (II) and Zn (II) in food samples. June 2022, [Food Chemistry](https://www.researchgate.net/journal/Food-Chemistry-0308-8146) 393(1):133384. DOI: [*10.1016/j.foodchem.2022.133384*](http://dx.doi.org/10.1016/j.foodchem.2022.133384)

**References**

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