
Qandeel Khan

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EXPERT IN: Energy Conservation | Energy Policy and Management | Renewable and Non-Renewable Engineering | Pollution and control | Project Execution | Environmental Management Plan | Environment Impact Assessment | Water and Wastewater Treatment Design | Environmental Economics | Statistical Analysis of Environmental Data | EHS Management System | GIS | Risk Assessment | Emergency Response Procedure | Leadership Skills | Communication & Presentation Skills | Team Management | Budget & Cost Analysis | Supply Chain Management | MS Dynamic System

To create of wider domain of energy and environmental related issues among the common people and assist individuals to acquire basic comprehension of the energy and environment and to develop a deep interest that may drive them to actively participate in conserving environment and problem resolution. And coordinate all aspects of supply through supply planning, sourcing, making, inventory management and delivery.

■ PROFESSIONAL OVERVIEW

- **Achievements of Silver medalist, 1st position holder in Bachelor of Engineering in Energy and Environment**
- **Comprehensive exposure** of Adsorption of Neem seeds on fluoride chemical, **Exchange scholar at the University of Utah, USA**
- **Skilled in attaining** Exchange visit scholar for **one semester at University of Utah, USA**
- **Deft** at managing Environmental guidelines, and conducting Environmental, activities such as training/auditing/assessing to ensure ongoing compliance with regulatory agency requirements
- **Well-versed with Publication of** Climate Change and Sustainability of the Manchar Lake – An Overview published in “International Science Policy Conference on Climate Change”
- **Stellar team player** using interactive and motivational leadership; along with excellent communication skills with an attitude to readily adapt to evolving challenges

■ EMPLOYMENT SCAN

**New Dadu Sugar Mills Pvt Ltd
(October 2020 to onwards)
Asst. Manager Supply Chain & Environment**

Highlights of the Role:

- Controlling the procurement budget and promoting a culture of long – term saving on procurement costs.
- Generating RFQs & POs on MS Dynamics System, organizing and confirming delivery of goods and services.
- Maintaining long – term relationship with vendors & suppliers.
- Negotiation with vendors & suppliers to secure profitable terms.
- Developing procurement strategies that are inventive & cost – effective.
- Preparing procurement reports.
- Designing water & wastewater treatment plant.
- To prepare a written summary/report about the sugar mills, treatment plants; working and labs parameters.
- To ensure all the parameters are within the standard limits.

**Intermark Product Lines (Authorized Shell
Distributor)(July 2019 to September 2020)
Management Trainee Officer**

Highlights of the Role:

- Receives training in all the departments: DFTL Scorecard Planning, TKC courses, Marketing, Learning and training on competitor's product.
- To prepare a written summary about the customer/product trend and gas engines of specific territory.
- Establish and maintain good relations with the internal and external stakeholders, vendors and customers.

Proactive Environmental and Safety Solutions
(January 2019 to June 2019)
EHS Consultant & Trainer

Highlights of the Role:

- Instrumentally involved in organizing HSE International Training's in Pakistan.
- Played a vital role in career counseling & consulting as well as involved in scheduling of delivery of HSE courses.
- Stellar at maintaining quality control of delivery of HSE courses.

Water Scarcity at Lower Sindh - Reality vs Myth: An Exploratory Study of Akram Canal Command Area
(October 2018 - December 2018)
Research Assistant

Situation Analysis of Waste Management at United Energy Pakistan
(July 2018 - September 2018)
Research Assistant

Highlights of the Role of Research Assistant (RA):

- Make briefly reports of projects.
- Conduct surveys related to different fields.
- Develop field surveys report.

Environmental Management Consultants Pakistan (Private) limited, Karachi
(March 2016-September 2016)
Environmental Engineer

Highlights of the Role:

- Make briefly reports of EIA and IEE.
- Develop monitoring reports, using ArcGIS to set the imagery and remotely sensed data and Environmental Management Plan.
- Conduct surveys and different baseline studies.

University of Utah, USA (January 2018-May 2018) Exchange Research Scholar

IUCN Company Office Karachi Pakistan (July 2017-August 2017) Internship

Jamshoro Power Company Limited (June 2014-July 2014) Internship

Rafhan Maize Private Limited Kotri (July 2014-July 2014) Internship

Sindh Environmental Protection Agency Hyderabad (June 2013-July 2013) Internship

■ PROFESSIONAL ENHANCEMENTS

Professional Trainings

- OSHA 30 Hours General Industry USA: 2019
- Advance Fire Safety ACS-GP, USA: 2019
- IOSH Managing Safely V 5.0 UK :2017
- Cultural diplomat certificate during exchange visit at the University of Utah, USA, 2018.
- Confined Space Entry Awareness ; 2018
- Hazard Identification & Risk Assessment
- Quality Management System (ISO 9001:2013)
- Environmental Management System (ISO-14001:2013)
- OH & S Management system (OHSAS 18001:2013)

Seminars & Conferences in which I presented:

- Attended 3rd International Conference on "Energy & Environment: Innovation, Research & Sustainability" 2017
- Attended 1st Young Researchers National Conference on Water and Environment 2017
- Attended 2nd Young Researchers National Conference on Water and Environment 2018

■ EDUCATION & CREDENTIALS

M.S. (Environment Engineering) ► US-Pakistan Center for Advanced Studies in Water, Mehran University of Engineering & Technology Jamshoro, 2018

B.E. (Energy & Environment) ► Quaid-e-Awam University of Engineering, Science & Technology Nawabshah, 2015

Membership: Pakistan Engineering Council (PEC Reg. No. ENVIRO/00832)

■ RESEARCH & THESIS

- **M.S:** Drinking Water Treatment Using Neem Tree Products. Natural coagulants are the best substitutes of chemical coagulants for the treatment of drinking water. The research utilizes Neem tree products for coagulation (Neem seeds) and disinfection (Neem oil) of potable water.
- **Exchange scholar at the University of Utah, USA:** Adsorption of Neem seeds on fluoride chemical. To remove the fluoride with the Neem seeds.
- **B.E:** Performance Analysis of Solar PV Panels installed at Energy & Environment Department QUEST Nawabshah for the efficient production of electric power. The research aims to reduce the environmental impacts created by power production through sustainable means.

■ PERSONAL DOSSIER

Date of Birth: October 8th, 1994

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Address: Plot F-193 Block 5, Clifton, Karachi.

Gender: Female

References would be furnished upon request.