

# **IQRA SHAHEEN**

*Applied Chemist*

## **OBJECTIVE**

*Self-motivated with the ability to create new ideas seeking a position in a good organization where my potentials will be fully discovered while working for the company dedicatedly.*

## **PERSONAL INFO.**

Phone: +92-324-2634383  
+92-311-3136304

Address: F.B. Area Block#16,  
Karachi.

D/O: Muhammad Ameen

Marital Status: Single

Nationality: Pakistani

Email: [iqrashaheen399@gmail.com](mailto:iqrashaheen399@gmail.com)

## **SKILLS**

### **1. Analytical Techniques**

*(Chromatography, Spectroscopy, Titration and Gravimetric Analysis).*

### **2. Extraction Technique**

*(Infusion, Decoction, Maceration, Percolation, Digestion)*

### **3. Microsoft Office 2013**

*(Word, Excel, and Power Point)*

### **4. Strong oral and written**

**Communication**

### **5. Good Organizer**

## **WORK EXPERIENCE**

### **1. KHAN LAB & DIAGNOSTIC CENTER**

**Lab Incharge**

*February 2021 to June*

- Responsible for overseeing day to day activities in lab.
- Responsible for maintaining good communication with doctors clients,
- Responsible to check staff performance and solve their problems.
- Responsible for maintaining record of each Corporate client
- Responsible to maintain monthly inventory of a lab and cash record.

### **2. AGP PHARMACEUTICAL COMPANY, KARACHI.**

**Quality Control lab**

**Intern**

*November 2020 to January 2021*

- To perform calibration of instrument.
- To prepare standards for testing and their standardizations.
- To prepare mobile phase, standard and sample for HPLC.
- To perform sampling and testing of raw material and finish products.
- To perform sampling and testing of Packaging material.
- To keep record of all samples/testing results and reporting.

### **3. ENGRO POLYMER AND CHEMICALS KARACHI. Chlor Alkali Plant**

**Intern**

*September 2019 to February 2020*

- Learn and visit the primary brine treatment process.
- Responsibility is to design a system that measure the exact amount of salt utilized for the preparation of brine solution and helpful for the industry to save its raw material.
- Different proposals like weighing scale, salt bucket, and conveyer hopper are suggested for exact measurement of salt.

### **4. RASUL FLOUR MILL (BAKE PARLOR), KARACHI.**

**Quality Control lab**

**Intern**

*June, 2018 to July, 2018*

- Physical and Chemical testing of raw and finished products of Spices, wheat flour, Ketchup, Sauces, and vinegar along with test report.
- Management and Calibration of Chemicals and Equipment.

## CERTIFICATION

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### **Food Labeling E-Learning**

*Issued on: 22 August 2020*

*Organized by: Food Standard Agency*

### **Drugs and Development**

*Issued on: 19 August 2020*

*Organized by: The Open University*

### **Supply Chain Management**

*Issued on: 25 August 2020*

*Organized by: E-Learning College (ELC)*

### **Math's Fundamentals for Capital Market**

*Issued on: 24 August 2020*

*Organized by: Corporate Finance Instituted®*

## ACADEMIC QUALIFICATION

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### **1. UNIVERSITY OF KARACHI**

**2018-2019**

M.Sc. in Applied Chemistry and Chemical Technology

Major: Pharmaceutical Technology

1<sup>st</sup> Division

### **2. UNIVERSITY OF KARACHI**

**2016-2018**

B.Sc. (Hons.) in Applied Chemistry and Chemical Technology

1<sup>st</sup> Division

### **3. GOVT. DEGREE COLLEGE STADIUM ROAD (GDCSR), KARACHI**

**2013-2015**

H.S.S.C (Pre-Engineering)

Board of Intermediate Education, Karachi.

Grade: A

## M.Sc RESEARCH PROJECT

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### **1. Finishing Of Denim By Ozone Technology**

- This project is about to design a plant (Material, Energy Balance, Cost Estimation, Operational and P&I Diagram) for Ozone treatment in the textile industry.
- The outcome of Ozone treatment is to reduce the processing steps, electricity usage and cost when compared with conventional color fading treatment.

### **2. Analysis Of Aegle Mermeloos**

This project is about to study pharmacological properties (Anti-inflammatory, Antiulcer activity, Antifungal activity, Antimalarial activity, Antidiarrheal activity, Antioxidant activity etc.) and to analyze different bioactive compound (alkaloids, proteins, tannins, sterols, phenolic etc.) present in Aegle Mermeloos that are beneficial for medical purpose.

## B.Sc (HON) PROJECT

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### **1. Reactor Design For Essential Oil**

The project is related to design the reactor for counter current extraction of oil of different Flowers and leaves like lemongrass, lavender, Tea tree, rose etc.

In lab scale rough design of reactor is made and experiments are done in order to verify the design and performance of reactor

