



Muhammad Kamran

House No.17 UBL Society Adjacent to Punjab Small Industry Society, Lahore Cantt.
Mobile: +923013703907 Email: Kamransagar777@gmail.com Date of Birth: August 05, 1994

EDUCATION

Lahore University of Management Sciences (LUMS)

July 2016 - May 2018

MS Chemistry

Major courses: **Polymer Science & Technology:** The manufacturing, processing, analysis and application of long chain compounds from laboratory scale to industrial scale.

Nanomedicines: The applications of nanotechnology in medicines. (The engineering of tiny machines)

Inorganic Materials Chemistry: The chemistry of the designing, synthesis, and characterization of nano-particles using modern equipment's like SEM, TEM, XRD, XPS etc.

Introduction to Management: Planning, organizing, staffing, leading and controlling an organization

University of Sargodha, Sargodha (UOS)

Sept. 2012- July 2016

BS (Hons)-Chemistry

Major course: Organic Chemistry Minor Course: Biochemistry

Covered all basics of chemistry i.e Organic, Inorganic, Physical, Spectroscopic, analytical and retro-synthesis.

EXPERIENCE

Nippon Paint Pakistan, Kasur

June 2017 - August 2017

Internship: Observed the steps performed in paint manufacturing, assisted in the estimation of the capacity of Nippon Paint Pakistan, learned the role of Chemist in paint industry.

Ibrahim Textile Corporation Pakistan, Faisalabad

Visited the corporation and learned the manufacturing steps performed in a textile industry through observation of textile experts, Presentation.

Fatima Fertilizer, Rahim Yar Khan

Visited the plant site and learned about the manufacturing steps performed in fertilizer industry and held a discussion about latest challenges of fertilizer's industries.

CERTIFICATIONS/TRAININGS

Green Chemistry Symposium: Learned about the designing of chemical products and processes that eliminate the generation of hazardous substances, University Of Sargodha, Sargodha.

Forensic Chemistry Symposium: Learned the applications of forensic chemistry and its sub-field toxicology in the identification of unknown materials found at a crime scene, University of Health Sciences.

Digital Content Marketing & SEO: Learned through a short course, the features of a good website, creation of digital content for marketing and how SEO works in digital world at Life Time Learning Lahore University of Management, Sciences.

MS THESIS PROJECTS

Researched about the heterocyclic compounds which are extensively important in pharmaceutical industry, synthesis of benzothiazinone a class of heterocyclic compounds is a flourishing area of research because of its various medicinal applications. The ultimate goal of this project is to accomplish a library of benzothiazinone derivatives, which would be used to conduct structure-activity studies for the discovery of novel pharmaceutical medicine.

ADDITIONAL SKILLS AND EXPERIENCE

Worked as **Teacher Assistant (TA)** for the course of Fundamentals of Organic Chemistry, Advance Organic Chemistry (Grad-Level), Advance Organic Chemistry at LUMS (Under-Grad Level).

Remained as an active member of **LUMS HR Executive club** a **LUMS** student's society.

Learned basic expertise in the use of HPLC, & GC/MS, IR-Spectroscopy.

Surpassed expertise in interpretation of IR, NMR, GC/MS, IR data.

HONOURS AND AWARDS

Awarded **Punjab Endowment Education Fund (PEEF)** Scholarship for undergraduate studies University Of Sargodha.

Awarded **National Outreach Program (NOP)** Scholar at Lahore University of Management Sciences.

INTERESTS & EXTRA CURRICULAR

Reading, Politics, Psychology, Sports.