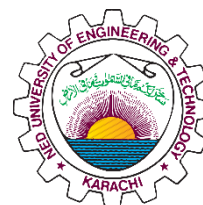


GRADUATE DIRECTORY

Batch 2021



Department of Chemistry
NED University of Engineering and Technology

About the Department of Chemistry, NEDUET

The Department of Chemistry has been established as an independent full-fledge department from Department of Mathematics and Basic Sciences in 2010. The aim of the Department of Chemistry is to produce proficient industrial chemistry graduates who can fulfil the specialized needs of growing industries. Therefore, the Department of Chemistry offers the following degree programmes:

- Four Years BS Chemistry Programme
- Two years MS Industrial Chemistry Programme
- PhD (Chemistry) Programme

These programmes are designed with emphasis on the application of scientific knowledge on industrial problems. The goal of these Chemistry degree programmes is to shift from general education to more purposeful education. Beside academic and research activities in the university, our students gain practical education about various industrial procedures through industrial visits. Mandatory internships also prove our undergraduate students the hands-on experience they need to land a better career. Many of the undergraduate final year projects, Master Independent study projects and dissertations were acknowledged in academic fraternity in the form of conference posters as well as oral presentations and research publications in HEC approved journals. Various interdisciplinary and collaborative research projects are also going on. Faculty of the department also fetched research funding from Higher Education Commission, Pakistan.

The Department aims to provide a solid foundation in chemistry through a broad-based curriculum for engineering and chemistry students, promote excellence in teaching at all academic levels, raise industry awareness, and develop advanced research facilities in a motivating environment.

MESSAGE FROM CHAIRPERSON, Department of Chemistry

It gives me immense pride and pleasure to present the Graduate Directory of the Department of Chemistry for the Batch 2021–2025. This directory not only marks the successful completion of an important academic chapter in our students' lives but also reflects the collective efforts of our faculty and staff who have guided them throughout this journey.

Our graduates are a testament to the department's commitment to academic excellence, industrial relevance, and research advancement. Through rigorous coursework, hands-on training, and exposure to real-world challenges, they have developed the skills necessary to contribute meaningfully to the chemical industry, research organizations, and society at large.

As they step into the professional world, I am confident that they will carry forward the values of integrity, innovation, and lifelong learning. I extend my heartfelt congratulations to all graduates and wish them continued success in their future endeavors.

DR. NUZHAT ARSHAD

Chairperson, Department of Chemistry

NEDUET

Graduating Class of 2025



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SADAF KHAN

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► EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
CGPA 3.87 (Gold Medalist)
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- Origin
- Mendeley
- MS Office
- UV-Vis Spectrophotometer
- Statistical Process Control Tools
- Analytical Techniques
- Separation Techniques

► CERTIFICATIONS &

AWARDS

- 2nd International Industrial Chemistry Conference-Ned University
- Student of the Year Award-by Jubilee General Insurance and Jang Media Group
- Microbiology Laboratory Technician
- Diploma in Drug Development
- Entrepreneurship & Startup Course

► PROFILE

Motivated Industrial Chemistry undergraduate with knowledge of chemical manufacturing, process safety, and quality control. Skilled in operating lab instruments and conducting experiments with precision. Seeking to contribute to dynamic industrial operations through strong problem-solving and teamwork abilities.

► WORK EXPERIENCE

Intern, Sui Southern Gas Company (Aug 2023 - Oct 2023)

- Gained hands-on exposure to high-pressure gas transmission systems and pipeline operations.
- Observed the operation of gas flow measurement equipment, including turbine meters.
- Developed understanding of pressure regulation systems and odorization processes for ensuring gas safety.
- Learned how gas transmission data is recorded, monitored, and utilized for billing and regulatory compliance.

Volunteer, Pave It Green Team

- Currently working as a volunteer with the Paveit Green Team to help protect and preserve the environment

► PROJECTS

Final Year Project – Nanotechnology
Synthesis, Characterization & Application of Curcumin Stabilized Nanoparticles

- Conducted research on the green synthesis and characterization of nanoparticles with pharmaceutical and environmental applications



MUHAMMAD AUN

Chemist

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► EDUCATION

BS Chemistry
(Specialization in Industrial Chemistry)
CGPA 3.86 (Silver Medalist)
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- Quality Management System (QMS)
- Data Organization and Management
- Analytical Techniques & Sample Preparation
- Graphic Design – Adobe Photoshop & Illustrator

► CERTIFICATIONS

- ISO 9001:2015 – Quality Management System (QMS), Alison – Apr 2025
- Simulation Workshop – Troubleshooting in Refining Operations, AIChE NEDUET Chapter – Mar 2024
- Basics of Total Quality Management, UniAthena – Apr 2025

► PROFILE

To secure a chemist position in a dynamic environment that fosters professional growth, where I can apply my skills and expertise as a Silver Medalist in Chemistry to contribute effectively to organizational success.

► WORK EXPERIENCE

Pakistan Standards & Quality Control Authority (PSQCA)

Intern

3 Mar 2025 – 31 Mar 2025

- Performed test analyses in Fats & Oils, Food, and Animal Feed & Fertilizer Laboratories to ensure product compliance with PSQCA Nationals standards, enhancing quality assurance skills.

PCSIR Fuel Research Centre – Intern

18 Mar 2024 – 8 Apr 2024

- Conducted clean coal technology analysis using proximate analysis, HGI, and AAS for coal quality assessment.

Afroze Textile Industries Pvt. Ltd. – Intern

4 Sep 2023 – 18 Sep 2023

- Gained insights into textile manufacturing, quality control, and R&D activities to enhance product standards.

Skyzone Technologies Pvt. Ltd. – Intern

8 Sep 2022 – 7 Oct 2022

- Explored ozone-based sterilization in pharmaceuticals, air purification and water filtration.

► PROJECT

Assessing the Chemical Composition of Molasses: Techniques for Physical and Chemical Characterization

- Industry Collaboration: *Dewan Sugar Mills Limited*
- Standardized and characterized molasses samples to establish a quality assessment framework for industrial use.
- Conducted physical and chemical analysis using instrumental and classical techniques for composition evaluation.
- Reviewed 60+ research articles to support the literature survey and strengthen the study framework.



BAKHTAWAR MUMTAZ

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EDUCATION

NED UNIVERSITY 2021 - 2025

BS Chemistry
(Specialization in Industrial Chemistry)
CGPA 3.77

TECHNICAL SKILLS

- UV-Vis Spectrophotometer
- Chromatographic Techniques
- Chemical Analysis
- Analytical Techniques
- Statistical Process Control (SPC) Tools
- Quality Management System (QMS)
- MS Office (Word, Excel, PowerPoint)

CERTIFICATIONS AND AWARDS

- Presented Final Year Project (FYP) at the Sindh HEC Showcase.
- Received Merit-Based Sindh Endowment Scholarship.
- Volunteered at the 2nd International Industrial Chemistry Conference, NED University.

PROFILE

Motivated and detail-oriented Industrial Chemistry graduate with knowledge of chemical manufacturing, process safety, and quality control (QC) and research and development (R&D). Skilled in lab work, material testing, and process monitoring. Seeking a position in a reputable organization to contribute to product quality, innovation, and regulatory compliance.

WORK EXPERIENCE

Sui Southern Gas Company Limited (SSGC) | Aug 2023 – Sep 2023
Intern Research and Development (R&D)

- Gained hands-on experience with high-pressure gas transmission systems, flow measurement, and pressure regulation.
- Assisted in LNG process optimization and Quality Control using gas analysis and chromatographic techniques
- Learned data monitoring practices for billing and regulatory compliance in gas distribution systems.

Private Chemistry & Physics Tutor | Jan 2022 – Present
Self-Employed | Karachi, Pakistan

- Provided one-on-one Chemistry and Physics tutoring to students of grades 9–12.
- Developed lesson plans to strengthen core
- concepts and exam preparation

PROJECTS

Final Year Project – Nanotechnology
Synthesis, Characterization & Application of Curcumin Stabilized Nanoparticles

- Conducted research on the green synthesis and characterization of nanoparticles with pharmaceutical and environmental applications



MAHAM QIDWAI

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► EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- MS Office
- Chemdraw
- Data interpretation
- Lab tools

► CERTIFICATIONS

Fuji fertilizer -Industrial visit

ICCBS-Poster Presentation

Alkidhmat foundation-
Volunteer certificate

Melinium University-
Seminar on accountants

► PROFILE

Dedicated and detail-oriented chemistry student with a strong foundation in chemical principles, laboratory techniques, and analytical methods. Proficient in conducting experiments, analyzing data, and solving problems. Seeking opportunities to apply my knowledge and skills in a dynamic and innovation in the field of chemistry."

► WORK EXPERIENCE

Intern, Alkaram towel industry pvt.ltd

- Work in ETP Plant .
- Work in RO and UF Plant.

Intern,Utopia industry

- Work in research and development department
- Designed,executed and analyzed laboratory experiments aligned with project goals and regulatory standards
- Contribute to technical reports,documentation and patend-related submission

► PROJECTS

Biological evaluation of triterpene and synthesis of its derivatives

- Conducted research on fusidic acid,a steroidal antibiotic derived from fusidium coccineum
- Investigated the antibacterial activity of fusidic acid
- Designed and synthesized structural analogues of fusidic acid



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EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

TECHNICAL SKILLS

- MS office
- prolog
- C++
- UV

CERTIFICATIONS

- 2nd International Industrial Chemistry Conference (IICC), NED University

PROFILE

Detail-oriented Chemistry graduate specializing in Industrial Chemistry with hands-on experience in organic synthesis, analytical techniques, and quality control. Skilled in optimizing chemical processes, ensuring compliance with safety standards, and contributing to cross-functional teams in laboratory and industrial environments.

WORK EXPERIENCE

Intern, Siddiqsons Limited

- Enhanced fabric quality control through wet dyeing process optimization.
- Coordinated across 4 textile processes for efficient workflow.

Intern, Fuel Research Centre, PCSIR

- Assisted in coal processing, increasing fuel extraction efficiency by 7%.
- Performed proximate and ultimate analyses on over 10 fuel samples to assess quality.
- Supported development of 3 bio-coal briquette prototypes, contributing to emission reduction by 15%.

PROJECTS

SYNTHESIS AND ACTIVATION OF BIOLOGICAL COMPOUNDS – Final Year Design Project

- Synthesized and purified 5 biologically active compounds using advanced organic chemistry techniques.
- Conducted bioassays identifying 2 compounds with promising pharmacological properties.
- Optimized reaction conditions to increase synthesis yield by 8%.
- Validated intermediates and final products with TLC and UV-VIS spectroscopy.



AMJAD HAMEED

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EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

TECHNICAL SKILLS

- Chemical Analysis
- Quality Management System
- HPLC (Basic)
- UV
- Report writing & Documentation
- Project Management
- MS Office
- Public Speaking

CERTIFICATIONS

- 2nd International Industrial Chemistry Conference (IICC)-Ned University
- Certification of Participation; Indonesia-Pakistan Youth Forum (IPYF): Collaboration of Young Scientists.
- Awarded by Karachi Private School Federation (KPSF) for academic excellence in SSC.

PROFILE

A dedicated BS Chemistry graduate from NED University with hands-on lab experience through internships in fuel analysis and chemical testing. Skilled in laboratory techniques, safety protocols, and chemical analysis. Passionate about Quality Assurance, Process Improvement, and Industrial Innovation. Eager to apply technical knowledge in real-world Industrial settings.

WORK EXPERIENCE

Intern, Fuel Research Centre PCSIR (March,2024)

- Assisted in research and analysis of fuel samples for quality assessment.
- Gained hands-on experience in fuel characterization techniques and industrial processes.
- Worked with a team to evaluate alternative energy sources and combustion efficiency.

Intern, Afroze Textile Industries -Towel Unit (September,2023)

- Learn and assist different dying processes including Continuous and reactive processes in production department.
- Obtain a general understanding in Lab section about the processes & chemicals use include: yarn , chemical, matching and physical sections.

Lingo Institute (2/3/25-ownward)

- Language Instructor (Grammar)

PROJECTS

Assessing the Chemical composition of Molasses: Technique for physical & chemical characterization – Final Year Design Project

- Industrial Collaboration with the Dewan Sugar Mill & Distillery Division.
- Conducted chemical and physical analysis of molasses to assess its composition for industrial applications.
- Utilized techniques such as pH measurement, titration, and UV spectrophotometry to evaluate quality parameters.



MAAZ IQBAL

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EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

TECHNICAL SKILLS

- UV-Vis, FTIR, NMR Spectroscopy
- HPLC, GCMS
- Wet Chemical Analysis
- Potentiometry
- Soxhlet Extraction
- Statistical Process Control

CERTIFICATIONS

- Introduction to Molecular Spectroscopy – Coursera
- Introduction to Forensic Science – Coursera
- Challenging Forensic Science – Coursera
- Chemical Biology – Coursera

PROFILE

Detail-oriented chemist passionate about chemical analysis, method development, and laboratory research. Proficient in operating analytical instruments with precision, and committed to delivering reliable results. Driven by curiosity, critical thinking, and a strong dedication to scientific advancement.

WORK EXPERIENCE

Management Trainee Officer – Quality Control Department
Barrett Hodgson Pakistan Pvt. Ltd.

- Conduct analytical testing of finished products and stability samples using instruments, ensuring compliance with GMP, GLP, and SOPs.
- Maintain documentation, assist in audits, and support continuous improvement of QC processes and compliance.

Intern, Envi Tech AL - Environmental Consultancy & Water Testing Lab

- Conducted water testing to analyze physical, chemical, and biological parameters.
- Assisted in evaluating water quality for compliance with environmental standards.

Intern, PCSIR Laboratories (Pharmaceutical Research Center)

- Completed a one-month internship focused on pharmaceutical research and development.
- Conducted analytical testing and ensured adherence to quality and safety standards.

PROJECTS

Synthesis and Spectrophotometric Determination of Mirogabalin Charge Transfer Complex – Final Year Design Project

- Developed and validated a UV-Vis Spectrophotometric method for the quantitative determination of Mirogabalin (a novel drug for the treatment of neuropathic pain) in pharmaceutical dosage form.



MUHAMMAD USMAN AZAM KHAN

Chemist



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► EDUCATION

BS Chemistry

(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

Intermediate

(Pre-engineering)
2019 - 2021

Matric

(Computer Science)
2017-2019

► TECHNICAL SKILLS

- Spectrophotometry
- Compound analysis
- Spectroscopy
- pH Analysis
- Separation Techniques
- Chromatography

► CERTIFICATIONS

- Simulation workshop on trouble shooting in refining operations - March 2024
- Volunteer at 2nd International Industrial Chemistry Conference - March 2023

► PROFILE

Highly enthusiastic and driven final year under-graduate seeking a challenging entry-level position in the chemical industry. Completed a Bachelor of Science in Chemistry, Specialization in Industrial Chemistry at NED University. Possesses strong laboratory skills, a keen interest in organic chemistry, analytical techniques as well as separation techniques.

► WORK EXPERIENCE

MTO, Bluebird Paints, Standard Colours and Chemicals, Mauripur, Karachi, July 2025 – till now

- I am actively involved in both Production and R&D departments.
- I assist in identifying process flaws during manufacturing and propose improvements.
- while also contributing to product development through lab testing and formulation optimization.

Intern, Fuel Research Centre-PCSIR, Karachi, March 2024 - April 2024

- Implemented lesson plans related to fuel research.
- Learned about coal mining, its sampling, identification, Humic acid production and some lab testing includes proximate analysis, humic acid gravimetric analysis, pensky martens flash point analysis, cloud and pour point analysis.

Intern, Siddiqsons Pvt. Ltd, Karachi, August 2023 - September 2023

- Visited rope dyeing plant process of Denim.
- Prepare a brief report on rope dyeing and central QC lab.

PROJECTS

Final Year Project - Associated with NED University, September 2024 - May 2025– Final Year Design Project

- INVESTIGATING THE SYNTHESIS, CHARACTERIZATION ,AND BIOACTIVE PROPERTIES OF THIO SALICYCLIC ACID



Alishba Rao

Chemist

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EDUCATION

BS Chemistry (Specialized in Chemistry), Industrial NED University of Engineering and Technology 2021-2025 (CGPA: 3.51)

TECHNICAL SKILLS

- ✓ Solid understand of gravure and offset printing and it's documentation
- ✓ Basic knowledge of SAP
- ✓ Familiar with compliance documentation.
- ✓ Basic knowledge of GLP

CERTIFICATIONS

- Certificate of appreciation awarded by FFBL
- 2nd Industrial Chem Conference 2023 – Recognized for valuable support

► PROFILE

I am a detail-oriented chemistry graduate with strong interest in quality control, research, and industrial processes. Through internships, I gained hands-on experience in product testing, instrumental analysis, and industry compliance. I enjoy problem-solving and work well in team environments.

► WORK EXPERIENCE

Intern, SiddiquiSons private limited (March 2023-April 2023)

Worked as an intern for 1 month at SiddiquiSons in a QC & QA

department where my duties included:

- analyze dye, chemicals, auxiliaries and fiber for quality and conformity to standards conduct colour matching test using spectrometer
- monitor and control dying, printing and finished products

Intern, Merit packaging Pvt Ltd (March 2024-April 2024)

Worked as an intern for 1 month at Merit packaging where my duties

include:

- Adjust ink formulation to meet specific substrate and printing requirements
- Ensure compliance with environmental laws and sustainable practice
- Regular check and adjust ink viscosity to ensure proper flow during printing

► PROJECTS

Synthesis and Characterization of Bioactive compound

NED University (Sep 2024 - May 2025)

- Study scientific literature to identify promising bioactive compounds and suitable synthesis routes. Perform multi-step organic synthesis in the laboratory. Optimize reaction conditions (temperature, time, solvent) to improve yield and purity.
- isolate and purify synthesized compounds using techniques like chromatography (TLC, column, HPLC)



AMNA HANIF

Chemist



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► EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- Chemical Analysis
- Report writing
- MS office
- Research
- Data interpretation
- Chemdraw

► CERTIFICATIONS

- 2nd International Industrial Chemistry Conference -NED University.
- Fauji Fertilizer - Industrial Visit.

► PROFILE

A motivated and detail-oriented Industrial Chemistry graduate with keen interest in quality control, research and development, and production. Courageous to apply academic foundation in contributing and gain hands on experience through strong analytical skills.

► PROJECTS

Preparation Chromatographic Purification and Determination of Physical Properties of Pyrimidine Compounds - Final Year Design Project.

- The research focused on the synthesis of chiral 5-Carboxamide derivatives from carboxylic acid precursor.
- Although these compounds have therapeutic potential including anticancer, antimicrobial and antiviral. their synthesis is often , complex, and inconsistent. This study tackles these issues by optimizing reaction conditions to enhance efficiency and reproducibility.
- Analytical techniques including CD spectra and Thin layer Chromatography were used.



ANAMTA

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► EDUCATION

BS Chemistry

(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- Problem solving
- Analytical testings
- Lab techniques
- Research skills

► CERTIFICATIONS

2nd chem expo at Federal Urdu university.

2nd international conference of chemistry.

► PROFILE

Seeking a challenging chemist position where I can leverage my strong analytical skills and passion for problem-solving to contribute to innovative research and development.

► WORK EXPERIENCE

Intern, saddique sons textile industry

- Got experience about rope dyeing .
- Work in central lab .

Intern, PSQCA

- Learn the different testing of food products
- Understand the working of quality control and quality assurance.

MTO,SM denium textile mills

- Working in central lab gaining experience about fabric testing
- Currently working in finishing department ,checking different parameters of machines.

► PROJECTS

Preparation and characterization of edible films and coatings

- Made 5 different formulation of edible coatings .
- Check the fruit on 3 different condition .
- Optimize the results.
- Made edible films from coating.



ANAS NAWAZ

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► EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- Spectral Data Analysis
- Separation Techniques
- Analytical Techniques
- Quality Tools
- MS Office Proficiency

► CERTIFICATIONS

- 2 International Industrial Chemistry Conference (IICC)- (Ned University)

► PROFILE

Industrial Chemistry is a field which provides knowledge to develop new products and processes. As a Chemist I want to utilize my skills in testing, development and research and secure a position in reputable organization to expand my learning and skills.

► WORK EXPERIENCE

Intern, Artistic Denim Mills (ADM)

- Worked at different departments i.e. washing process, Stitching, Dyeing and Indigo dyeing process.

Intern, Pakistan Standards and Quality Control (PSQCA)

- Worked in Oil and Fats Consumer product laboratory.
- Worked in Food laboratory.
- Worked in feed and fertilizer laboratory.

► PROJECTS

Comparison between Microwave and Conventional Sintering – Final Year Design Project

- To compare microwave and conventional sintering techniques in terms of their impact on the microstructure and properties of electro ceramics.
- To identify the key factors that influence the efficiency and effectiveness of microwave versus conventional sintering.



► EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- MS office
- Prolog
- HPLC
- Critical thinking
- Team management
- TLC

► CERTIFICATIONS

- ISO 9001:2015 Quality Management System Foundations
- AI in Digital Marketing
- 2nd international chemistry conference Ned university
- Certificate of appreciation to star performer-ASME

AQDUS GUL

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► PROFILE

Industrial Chemistry graduate seeking an entry-level position in Quality Control, R&D, or Analytical Chemistry. Familiar with chemical processes, laboratory analysis, and quality control concepts, with a focus on learning and contributing to industrial operations in a responsible and collaborative way.

► WORK EXPERIENCE

Intern, Archroma Pakistan Ltd

- Exposure to fabric dyeing processes including cotton, polyester, and P/C blends using continuous, pad batch, and exhaust methods.
- Familiarity with fabric printing techniques using reactive, disperse dyes, and pigments.
- Understanding of fastness testing according to ISO and AATCC methods.
- Learned about the application of classical and special finishes, as well as safety and digital printing concepts.

Volunteer experience

Assistant secretary— ASME

- Got an opportunity to lead the event management team of 30 individuals
- Executed successful university wide event of more than 1,000 individuals

► PROJECTS

“Preparation ,chromatographic purification , and Determination of physical properties” –Final Year Design Project

- Successfully synthesized ,isolate chiral DHPM (dihydropyrimidine) with high yield and purity.
- Their stereochemical characteristics were identified using spectroscopic techniques.
- The outcomes of this research are beneficial to both medicine and the pharmaceutical sector.



AIMAN ALI

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EDUCATION

BS Chemistry
(Specialized in
Industrial Chemistry),
NED University of
Engineering and Technology
2021-2025

TECHNICAL SKILLS

- Problem Solving
- Leadership
- Hard Working
- Strong Communication
- Team Work

CERTIFICATIONS

- International Industrial Chemistry Conference at NED University.
- Debate Competition Participation

PROFILE

To leverage my skills and knowledge to drive innovation and growth
In a reputable organization to contribute to the company's growth

WORK EXPERIENCE

Intern, ELKO Pharmaceuticals.

- Done 2 Months Internship, As Quality Control Analyst.
- Medications testing, Human and Veterinary Products.

PROJECTS

Synthesis And Characterization of Dihydropyrimidine- Final Year Design Project

- Expertise in synthesizing DHPMs via Biginelli reaction.
- Knowledge of biological activities of DHPMs, including anticancer, Anti-inflammatory and antimicrobial properties.
- Familiarity with spectroscopic techniques for characterizing DHPMs.



► EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021 - 2025

► TECHNICAL SKILLS

- Sample Testing
- Chemicals Handling
- Titration Method
- Chromatography Technique
- UV Spectrophotometry
- C Programming
- Critical Analysis
- MS Office
- Team work
- Leadership

► CERTIFICATIONS

- ISO 9001:2015 Quality Management System Foundations – The knights of safety
- C Programming – My Great Learning

ALI ABBAS

Chemist

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💼 [Linkedin-Ali Abbas](#)

► PROFILE

Chemistry graduate from NED University with a strong foundation in quality control, analytical techniques, and chemical process analysis. Passionate about applying chemical knowledge to solve real-world industrial challenges, particularly in the pharmaceutical, textile, and food sectors. Known for excellent communication, creative thinking, and effective team leadership and delegation. Committed to ensuring product quality, maintaining regulatory compliance, and driving continuous improvement through technical expertise, critical thinking, and a results-oriented approach.

► WORK EXPERIENCE

Pakistan Council of Scientific & Industrial Research (PCSIR) | Intern

Aug 2024 – Aug 2024

- Accomplished 2 weeks of internship within Quality Assurance and Research and Development Department
- Gained expertise in Quality Testing methodologies and best practices. Developed proficiency in analytical techniques to enhance testing processes.

Siddiqsons Pvt. Limited | Intern

Aug 2023 – Aug 2023

- Completed two weeks of internship in Rope Dyeing and Quality Control Lab.
- Cultivated expertise in Wet Dyeing processes.
- Collaborated on laboratory protocols to ensure adherence to ISO guidelines. Implemented quality assurance measures in strict compliance with ISO standards. Utilized ISO 105C06-E01 and ISO 105Co6E04 for effective standardization.

► PROJECTS

Final Year Project

Title: EFFECTS OF DOPING ON THE MICROSTRUCTURE AND ELECTRICAL PROPERTIES OF CERAMIC

Objective(s) of FYDP.

- To study the effect of doping on the microstructure of ceramics using techniques such as scanning electron microscopy (SEM) and X-ray diffraction (XRD).
- Optimize doping levels for achieving desirable electrical characteristics in



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Gulshan e Hadeed Karachi



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[_via&utm_content=profile&utm_medium=android_app](https://www.linkedin.com/in/ali-ahmed-267365258/?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium=android_app)

► EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025 (CGPA: 3.06)

► TECHNICAL SKILLS

- Technical skills
- HPLC
- GC
- TLC
- Column chromatography
- UV Spectrophotometry
- XRF
- Sulphur Analyzer

Soft skills

- Team collaboration
- Problem solving
- Time management

► CERTIFICATIONS

- Attend IICC
(International Industrial chemistry conference)
2023

► PROFILE

Recent chemistry graduate from Ned University, Karachi seeking an entry level position in RandD, Quality Control and Quality Knowledgeable in HPLC, GC, FTIR and other classical analytical techniques. Familiar with ISO 9001, ISO 17025, GLP and use of QC tools. Eager to apply theoretical knowledge in a professional laboratory setting and develop practical industry skill

► WORK EXPERIENCE

Intern, Fauji Power Company Limited

- Performed coal and water testing to support efficient power generation processes.
- Used instruments like Sulphur Analyzer, XRF, and Gas Chromatography for accurate analysis.
- Monitored water quality to ensure environmental compliance and system safety.

► PROJECTS

Preparation, Chromatographic Purification, and Determination of Physical Properties of Pyrimidine Compound. – Final Year Design Project

- Synthesize, isolate, and purify chiral structures of di-hydropyrimidine derivatives (DHPM).
- Determine the absolute configuration of these DHPMs using spectroscopic techniques



ALI ZAID

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EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021 - 2025

TECHNICAL SKILLS

- Sample Testing
- Chemicals Handling
- Titration Method
- Chromatography Technique
- UV Spectrophotometry
- Critical Analysis
- Team work
- Leadership

CERTIFICATIONS

- Volunteer, International Chemistry Conference – NED (2023)

PROFILE

Chemistry graduate from NED University with a strong foundation in quality control, analytical techniques, and chemical process analysis. Passionate about applying chemical knowledge to solve real-world industrial challenges, particularly in the pharmaceutical, textile, and food sectors. Known for excellent communication, creative thinking, and effective team leadership and delegation. Committed to ensuring product quality, maintaining regulatory compliance, and driving continuous improvement through technical expertise, critical thinking, and a results-oriented approach.

WORK EXPERIENCE

Siddiqsons Pvt. Limited | Intern

Aug 2023 – Aug 2023

- Completed two weeks of internship in Rope Dyeing and Quality Control Lab.
- Cultivated expertise in Wet Dyeing processes.
- Collaborated on laboratory protocols to ensure adherence to ISO guidelines. Implemented quality assurance measures in strict compliance with ISO standards. Utilized ISO 105C06-E01 and ISO 105Co6E04 for effective standardization.

PROJECTS

Final Year Design Project- Associated with NED University, Sep 2024 – May 2025

Preparation, Chromatographic Purification and Determination of Biological Activities of Pyrimidine Compound.

- Synthesized 5-carboximide DHPMs.
- Conducted chromatographic separation and fraction isolation.
- Performed structural analysis using NMR spectroscopy.
- Evaluated biological properties of synthesized compound.



ALINA AMIN

Chemist

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- [Alina Amin | LinkedIn](#)

► EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- MS office
- UV-Vis Spectrophotometer
- Analytical Techniques
- Separation Techniques

► CERTIFICATIONS

- 2nd International Industrial Chemistry Conference

► PROFILE

I'm a dedicated and detail-oriented chemist with a strong foundation in industrial chemistry and hands-on experience in analytical techniques. I'm especially interested in how chemistry can be applied to develop safe, effective, and innovative products that improve everyday life. My academic background has given me a solid understanding of material behavior, process optimization, and quality systems—along with a deep appreciation for precision, sustainability, and real-world applications in health and personal care industries.

► WORK EXPERIENCE

Intern, Sui Southern Gas Company (Aug 2023 - Oct 2023)

- Learned about gas pipeline system and how gas is transmitted.
- Observed field work like valve checking, pressure control, and safety steps.
- Got basic understanding of SCADA system and gas flow control.
- Took part in data sheets, gas bill calculation, and equipment survey

► PROJECTS

Final Year Design Project – Nanotechnology Synthesis, Characterization and Application of Quercetin mediated monometallic Nanoparticles

- Conducted the synthesis and characterization of silver nanoparticles using quercetin as a natural reducing and stabilizing agent for potential biomedical applications.
- Utilized techniques such as FTIR and Job's plot to analyze functional groups, investigate nanoparticle interactions, and optimize synthesis parameters.
- Gained hands-on experience in green chemistry, nanomaterial analysis, and spectroscopic techniques.



ALINA KASHIF

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EDUCATION

BS Chemistry

(Specialized in Industrial Chemistry),

NED University of Engineering and Technology

2021-2025 (CGPA: 3.357)

TECHNICAL SKILLS

- Solid understanding of food product purification and quality control processes,
- Basic knowledge of SAP
- Familiar with compliance documentation.
- Basic understanding of artwork review.
- Adequate in instrumental methods used in industries
- Basic understanding of GMP

CERTIFICATIONS

- 2nd Chem Expo 2024 – Active participant, organized by Federal Urdu University
- 2nd Industrial Chem Conference 2023 – Recognized for valuable support
- ACS Workshop – NEDUET – Participated in a workshop hosted by American Chemical Society.

► PROFILE

I am a detail-oriented chemistry graduate with strong interest in quality control, research, and industrial processes. Through internships, I gained hands-on experience in product testing, instrumental analysis, and industry compliance. I enjoy problem-solving and work well in team environments.

► WORK EXPERIENCE

Intern, Ahmed foods private limited (March 2025-April 2025)

Worked as an intern for 1 month at Ahmed foods in a QC & QA department, where my duties included:

- Performed product quality testing on sauces, ketchup, and jellies
- Assisted in compliance documentation and packaging testing
- Contributed to basic quality assurance procedures

Intern, PCSIR (March 2024-April 2024)

Worked as an intern for 1 month at PCSIR on the following topics

- Worked on coal processing and preparation of bio-coal briquettes

Intern, PSQCA (August 2023-September 2023)

- Assisted in testing and analysis of sugar, water, oil, and other food products

► PROJECTS

- Preparation & characterization of edible coating / films

NED University (Sep 2024 - May 2025)

- Applied coatings to vegetables to increase shelf life by ~20 days
- Optimized composition using natural wax and gum
- Developed and tested edible films for packaging applications.



MUHAMMAD HAMMAD BHATTI

Chemist

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EDUCATION

BS Chemistry

(Specialized in Industrial Chemistry),

NED University of Engineering and Technology

2021-2025

TECHNICAL SKILLS

- Spectral Data Analysis
- Separation Techniques
- Analytical Techniques
- Quality Tools
- MS Office Proficiency

CERTIFICATIONS

- Volunteer, International Chemistry Conference – NED (2023)

PROFILE

Chemistry graduate with a focus in industrial chemistry, experienced in lab based quality testing and materials analysis. Understanding of SEM, XRD, HPLC, FTIR, and resistivity testing. Trained in ISO 9001:2015, Lean Six Sigma, and project management, with a strong commitment to quality standards and regulatory compliance.

WORK EXPERIENCE

Research Intern, Fuel Research Centre – PCSIR | Feb 2024 - March 2024

• Conducted chemical testing and quality analysis of materials in a research laboratory setting

- Operated instruments such as SEM and XRD to analyze micro-structure and performance of ceramic samples.
- Participated in dielectric/resistivity testing to assess electrical characteristics of doped ceramics.

Industrial Visit, Fauji Fertilizer Bin Qasim Ltd. | Dec-2023

• Observed real-time fertilizer production processes and industrial scale QA/QC practices.

• Gained exposure to environmental and safety protocols in large-scale chemical manufacturing

• Interacted with process engineers and technical staff to understand plant instrumentation, automation, & management system.

PROJECTS

Effective Removal of Dyes from Water by Utilizing Modified and Unmodified Bark of Gualacum Officinale – Final Year Design Project As part of my undergraduate research,

I worked on developing an ecofriendly and cost-effective method to remove toxic dyes—Methylene Blue and Malachite Green—from wastewater using natural and chemically modified bark of Guaiacum officinale. I was involved in optimizing key parameters such as pH, contact time, dye concentration, and adsorbent dosage. I also contributed to UV-Vis analysis and FTIR characterization to study the functional groups responsible for adsorption. The project highlighted the enhanced dye removal capacity of modified bark and demonstrated its potential for sustainable wastewater treatment.



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EDUCATION

BS Chemistry

(Specialized in Industrial Chemistry),

NED University of Engineering and Technology

2021-2025

TECHNICAL SKILLS

- Spectral Data Analysis
- Separation Techniques
- Analytical Techniques
- Quality Tools
- MS Office Proficiency

CERTIFICATIONS

- Volunteer, International Chemistry Conference – NED (2023)

PROFILE

Chemistry graduate with a focus in industrial chemistry, experienced in labbased quality testing and materials analysis. Understanding of SEM, XRD, HPLC, FTIR, and resistivity testing. Trained in ISO 9001:2015, Lean Six Sigma, and project management, with a strong commitment to quality standards and regulatory compliance.

WORK EXPERIENCE

Research Intern, Fuel Research Centre – PCSIR | Feb 2024 - March 2024

- Conducted chemical testing and quality analysis of materials in a research laboratory setting
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- Participated in dielectric/resistivity testing to assess electrical characteristics of doped ceramics.

Industrial Visit, Fauji Fertilizer Bin Qasim Ltd. | Dec-2023

- Observed real-time fertilizer production processes and industrial scale QA/QC practices.
- Gained exposure to environmental and safety protocols in large-scale chemical manufacturing
- Interacted with process engineers and technical staff to understand plant instrumentation, automation, & management system.

PROJECTS

Comparison between Microwave and Conventional Sintering – *Final Year Design Project*

- To compare microwave and conventional sintering techniques in terms of their impact on the microstructure and properties of electro ceramics.
- To identify the key factors that influence the efficiency and effectiveness of microwave versus conventional sintering



EMAN KHALID

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► EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- Research and Lab Techniques
- Microsoft Office
- Programming (C, Prolog)
- Data Entry/Analysis
- Content/Academic Writing
- Communication
- Creative Problem Solving-Strong Communication
- Quick Learning and Adaptability

► CERTIFICATIONS

2nd International Industrial Chemistry Conference-Ned University

► PROFILE

Motivated and adaptable Chemistry graduate with 4+ years of experience in content writing, data entry, and research. Proficient in Microsoft Office, Google Suite, and basic programming (C, Prolog). Strong communication, organization, and problem-solving skills. Proven ability to deliver high-quality work and meet deadlines in both remote and team settings.

► WORK EXPERIENCE

Intern, Sui Southern Gas Company Limited (SSGC) Karachi, Pakistan
Measurement and Transmission department Aug 2023 - Oct 2023

- Conducted data analysis and interpreted results using tools such as Excel.
- Maintained and organised laboratory equipment, ensuring proper calibration and functionality.

Trainee Writer (Remote) Riyadh, Saudi Arabia
Oryx Education 2023 - 2025

- Delivered clear, well-structured content aligned with international academic standards.
- Collaborated with cross-functional teams to meet content goals and deadlines.

► PROJECTS

Final Year Design Project-Nanotechnology
Synthesis, Characterization & Application of Curcumin Stabilized Nanoparticles

- Conducted research on the green synthesis and characterization of nanoparticles with pharmaceutical and environmental applications



FAKHIR AAMIR

Chemist



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Korangi Creek, Karachi



[Linkdeln](#)

► EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- Karl Fischer
- GC
- HPLC
- UV-visible spectrophotometer
- QC instruments

► CERTIFICATIONS

- ISO 9001
- ISO 17025
- Quality management and Improvement

PROFILE

► I hold a Bachelor's degree in Industrial Chemistry. I have hands-on Experience with analytical instruments including HPLC, GC, and UV-Visible Spectrophotometer. Passionate about pursuing a role as a Management Trainee Officer (MTO) in the Quality or R&D department, where I aim to further develop my Technical skills, gain valuable industry experience, and contribute meaningfully to organizational growth.

WORK EXPERIENCE

Intern, PSCIR (Fuel Research Centre). March 2024 – April 2024

- Conducted coal sampling, identification, and analysis to support fuel research and quality assessment.
- Performed proximate analysis, humic acid gravimetric analysis, Pensky-Martens flash point analysis, and
- Cloud & pour point analysis to evaluate fuel properties.
- Assisted in the development of Bio-coal Briquettes from biomass and bio-waste to explore sustainable fuel Alternatives.

PROJECTS

- Biological Evaluation of Tri-Terpene and Synthesis of its Derivatives
- Conducted research on fusidic acid, a steroidal antibiotic derived from fusidium coccineum.
 - Investigated the antibacterial activity of fusidic acid.
 - Designed and synthesized structural analogues of fusidic acid



FANILA ASHRAF

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► EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- Chemdraw
- MS office
- C++
- Prolog

► SOFT SKILLS

- Team Collaboration
- Time Management
- Efficient in multitasking
- Good communication skills

► CERTIFICATIONS

- 2nd International Industrial Chemistry Conference – NED University

► PROFILE

Motivated and detail-oriented Chemistry graduate with a specialization in Industrial Chemistry, seeking opportunities to apply scientific and analytical skills in an industrial setting. Passionate about problem-solving, process optimization, and ensuring quality through research, testing, and teamwork.

► WORK EXPERIENCE

Intern, Archroma Pakistan Ltd.
(Mar-Apr 2024)

As a trainee at Archroma, I gained hands-on experience in dyeing, printing, finishing, and QC while documenting results and ensuring SOP and GMP compliance.

► PROJECTS

Synthesis and Activity of Biological Compounds – Final Year Design Project

- Conducted research on synthesizing Caffeic acid derivatives.
- Successfully prepared caffeic acid derivatives and also looked into its antimicrobial and antioxidant applications.



HARAM ADNAN

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► EDUCATION

BS Chemistry

(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- Laboratory & Analytical Techniques
- Quality Control & Instrumentation
- MS office
- Separation Techniques
- Amazon Budgeting

► CERTIFICATIONS

- 2nd International Industrial Chemistry Conference (IICC)

► PROFILE

A highly motivated and detail-oriented graduate in Industrial Chemistry from NED University of Engineering and Technology, holding a strong CGPA of 3.648. Experienced in laboratory research, chemical analysis, and quality control through academic projects and internship exposure. Demonstrates a solid foundation in pharmaceutical, organic, analytical, and environmental chemistry, with a keen interest in separation techniques and modern QC protocols. Passionate about contributing to innovative, efficient, and sustainable chemical practices in the industrial and manufacturing sectors.

► WORK EXPERIENCE

RESEARCH CENTER (INTERN)

PCSIR, Karachi Pakistan

- Performed quality control testing on raw materials and final products.
- Learned analytical techniques using various advanced laboratory instruments.
- Follow SOPs and ensured compliance with lab safety standards

► PROJECTS

Final Year Design Project- Associated with NED University, Sep 2024 – May 2025

Preparation, Chromatographic Purification and Determination of Biological Activities of Pyrimidine Compound.

- Synthesized 5-carboximide DHPMs.
- Conducted chromatographic separation and fraction isolation.
- Performed structural analysis using NMR spectroscopy.
- Evaluated biological properties of synthesized compound.



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EDUCATION

BS Chemistry

(Specialized in Industrial Chemistry),

NED University of Engineering and Technology

2021-2025

TECHNICAL SKILLS

- Spectral Data Analysis
- Separation Techniques
- Analytical Techniques
- Quality Tools
- MS Office Proficiency

CERTIFICATIONS

- Volunteer, International Chemistry Conference – NED (2023)

PROFILE

Chemistry graduate with a focus in industrial chemistry, experienced in lab based quality testing and materials analysis. Understanding of SEM, XRD, HPLC, FTIR, and resistivity testing. Trained in ISO 9001:2015, Lean Six Sigma, and project management, with a strong commitment to quality standards and regulatory compliance.

WORK EXPERIENCE

Research Intern, Fuel Research Centre – PCSIR | Feb 2024 - March 2024

• Conducted chemical testing and quality analysis of materials in a research laboratory setting

- Operated instruments such as SEM and XRD to analyze micro-structure and performance of ceramic samples.
- Participated in dielectric/resistivity testing to assess electrical characteristics of doped ceramics.

Industrial Visit, Fauji Fertilizer Bin Qasim Ltd. | Dec-2023

• Observed real-time fertilizer production processes and industrial scale QA/QC practices.

• Gained exposure to environmental and safety protocols in large-scale chemical manufacturing

• Interacted with process engineers and technical staff to understand plant instrumentation, automation, & management system.

PROJECTS

Effective Removal of Dyes from Water by Utilizing Modified and Unmodified Bark of Gualacum Officinale – Final Year Design Project As part of my undergraduate research,

I worked on developing an ecofriendly and cost-effective method to remove toxic dyes—Methylene Blue and Malachite Green—from wastewater using natural and chemically modified bark of Guaiacum officinale. I was involved in optimizing key parameters such as pH, contact time, dye concentration, and adsorbent dosage. I also contributed to UV-Vis analysis and FTIR characterization to study the functional groups responsible for adsorption. The project highlighted the enhanced dye removal capacity of modified bark and demonstrated its potential for sustainable wastewater treatment.



MAHWISH TOUHEED

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North Nazimabad Block L, Karachi

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► PROFILE

Detail-oriented and research-driven Industrial Chemist seeking a challenging position in R&D, Quality Control (QC), or Analytical Chemistry. Adept at problem-solving, analytical reasoning, and experimental design, with a strong academic foundation and hands-on experience in laboratory settings. Passionate about contributing to scientific innovation and continuous process improvement.

► WORK EXPERIENCE

Intern, PSQCA

- Conducted quality testing of sugar, tea, water, oil, honey, and jam.
- Learned regulatory testing procedures, documentation, and lab analysis.

Intern, Siddiq Sons Ltd.

- Gained hands-on experience in rope dyeing, central lab, finishing & ball wrapping.
- Observed industrial QA/QC practices and lab-scale evaluations.

Intern, Atlas Engineering

- Oil testing including viscosity, tan, Tbn, water in oil, insoluble.
- Business & development.

► PROJECTS

“Development of Edible Coating to Enhance Shelf Life of Capsicum” – Final Year Design Project

- Presented at Chem Expo 2024 (Federal Urdu University)
- Showcased at Sindh Research & Innovation Showcase 2024
- Formulated emulsions using chitosan, aloe vera gel, waxes, glycerol, surfactants
- Evaluated shelf life via weight loss, pH, firmness, moisture, and FTIR analysis
- Achieved optimized coating stability for refrigerated and nitrogen storage conditions

► EDUCATION

BS Chemistry

(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- Origin
- Mendeley
- MS Office
- Minitab
- Prolog
- Laboratory SOPs & Safety Protocols
- Moisture, pH & Titratable Acidity Analysis
- Emulsion Preparation & Stability Evaluation

► CERTIFICATIONS

- 2nd International Industrial Chemistry Conference
- Chem Expo (FUUAST)
- Sindh Research & Innovation Showcase (FYP Presenter)
- Indonesia-Pakistan Youth Forum
- Basics of Artificial Intelligence (MindLab)
- Career Navigation & Internship (PSQCA + Siddiq Sons)
- SDS Awareness Workshop
- Ash Welfare First Aid Basics



MALAIKA MAQSOOD

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<https://www.linkedin.com/in/malaika-maqsood-962aa2308/>

EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology (GCPA: 3.491)
2021-2025

TECHNICAL SKILLS

- Team Work
- Design Thinking
- Instrumentation
- Problem-Solving
- Strong Communication
- • Coal processing • Bio coal briquettes
- • Testing of oil, water sugar and other food products
- Data analysis

CERTIFICATIONS

- attend International conference at NED University
- Participate in Chem expo at federal university

PROFILE

Seeking an opportunity to utilize my skills and qualifications in a collaborative environment, making a meaningful impact and advancing my professional journey.

WORK EXPERIENCE

Intern, PCSIR

- Work as intern for one month at PCSIR on the following Topics
Coal processing and Bio coal briquettes

Intern, PSQCA

- Pakistan Standard Quality And control authority (PSQCA)
Testing of oil, water sugar and other food products

PROJECTS

Preparation and characterization of edible coating/film – Final Year Design Project

- Optimized the coating formulation to enhance shelf life and reduce spoilage.
- Gained hands-on experience in coating techniques, quality evaluation, and data analysis.



MUHAMMAD AHMED SIDDIQUI

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EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

TECHNICAL SKILLS

- Laboratory & Analytical Techniques
- Quality Control & Instrumentation
- Scientific & Chemical Tools
- Programming & Software Proficiency

CERTIFICATIONS

- Volunteer, International Chemistry Conference – NED (2023)
- Lab Safety Training – ICCBS
- Fire Safety & Prevention Seminar- NED University

PROFILE

Detail-oriented and motivated Industrial Chemistry graduate from NED University, equipped with strong analytical, laboratory, and problem-solving skills. Proficient in organic synthesis, pharmaceutical chemistry, and advanced separation techniques, with hands-on experience in instruments such as NMR, UV-Vis, and HPLC. Committed to supporting innovation and sustainability within the chemical industry through technical expertise and continuous learning.

WORK EXPERIENCE

Quality Control Officer (Intern)

MATCO Foods, Karachi, Pk

- Evaluated packaging materials for rice and glucose products, ensuring compliance with standards and recommending improvements for efficiency and sustainability.
- Performed quality testing using HPLC and refractometer per SOPs to assess product purity, composition, and Brix levels.
- Verified product grading and packaging against internal and export standards; maintained QC documentation for compliance

Research Center (Intern)

PCSIR, Karachi, Pk

- Performed quality control testing on raw materials and final products under supervision.
- Assisted in method validation and ensured compliance with QA standards and protocols.
- Supported R&D activities related to product formulation, stability studies, and technical documentation

Senior Sale Specialist (Freelance)

Soft Tech Global, Karachi, Pk

June 2023 – May 2025

PROJECTS

Final Year Project - Associated with NED University, Sep 2024 - May 2025

Preparation, Chromatographic Purification and Determination of Biological Activities of Pyrimidine compounds.

- Synthesis of 5-carboximide DHPMs
- Chromatographic separation to isolate different fractions
- Structural analysis through NMR (Nuclear Magnetic Resonance)
- Biological evaluation of the synthesized compounds



MUHAMMAD FOZAN SHOAIB

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► EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- Microsoft Office Suit: (Word, Excel, PowerPoint, Outlook).
- Google Workspace: (Google Docs, Google Sheet).
- Statistical Process Control Tools.
- Analytical Techniques
- Quality Management System.
- Report writing & Documentation.
- Problem Solving Abilities

► CERTIFICATIONS

- 2nd International Industrial Chemistry Conference (IICC), NED University

► PROFILE:

As a Chemist with a strong foundation in chemical processes and material science, I am passionate about transforming complex problems into innovative solutions. My expertise lies in optimizing production processes, enhancing product quality, and ensuring compliance with industry standards. With hands-on experience in both laboratory and manufacturing environments, I am committed to driving efficiency and sustainability in chemical manufacturing. I thrive in collaborative settings where I can contribute to continuous improvement and the development of cutting-edge products!!

► WORK EXPERIENCE:

Intern, Fauji Fertilizer Company Pvt.ltd (FFC-MM)

Responsibilities:

- Operated lab instruments including karl fisher titration, flame photometers, spectrophotometers, pH meters, titration setups, GC, AAS, moisture analysers and conductivity meters.
- Assisted in chemical analysis and quality control of raw materials and fertilizer products.
- Supported lab management tasks, including documentation, inventory, and safety checks.
- Learned and applied SOPs, QA/QC protocols, and industrial chemical process monitoring.

Intern, Afroze Textiles-Towel Unit

Responsibilities:

- Operated textile lab instruments including spectrophotometers, GSM cutters, and pH meters.
- Assisted in fabric testing, dye quality checks, and basic lab management tasks.
- Learned SOPs and supported quality control processes in a production environment.

► PROJECTS: SYNTHESIS AND ACTIVATION OF BIOLOGICAL COMPOUNDS – FINAL YEAR DESIGN PROJECT

- Synthesized and purified 5 biologically active compounds using advanced organic chemistry techniques.
- Conducted bioassays identifying 2 compounds with promising pharmacological properties.
- Optimized reaction conditions to increase synthesis yield by 8%. Validated intermediates and final products with TLC and UV-VIS pectroscopy.



MUHAMMAD TALHA KHAN

Chemist

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► EDUCATION

BS Chemistry
(Specialization in Industrial Chemistry).
CGPA 3.612
NED University of Engineering and Technology | 2021-2025

► TECHNICAL SKILLS

- Titration (acid-base, redox)
- Project Management
- Quality management system (QMS)
- High Performance Liquid Chromatography (HPLC)
- UV-Visible Spectroscopy
- Microsoft Office (Word, Excel, PowerPoint)
- Basic statistical process control

► CERTIFICATIONS

- ISO-9001:2015 Quality Management System (Alison).
- Lean Six Sigma-Green Belt Certification (Alison).
- Project Management Foundation (Linked-in).
- Lab safety and Chemical Handling Training (ICCBS).

► PROFILE

- Chemistry graduate with a focus in industrial chemistry, experienced in lab-based quality testing and materials analysis. Understanding of SEM, XRD, HPLC, FTIR, and resistivity testing. Trained in ISO 9001:2015, Lean Six Sigma, and project management, with a strong commitment to quality standards and regulatory compliance.

► WORK EXPERIENCE

Research Intern, Fuel Research Centre – PCSIR | Feb 2024 - March 2024

- Conducted chemical testing and quality analysis of materials in a research laboratory setting.
- Operated instruments such as SEM and XRD to analyze micro-structure and performance of ceramic samples.
- Participated in dielectric/resistivity testing to assess electrical characteristics of doped ceramics.

Industrial Visit, Fauji Fertilizer Bin Qasim Ltd. | Dec-2023

- Observed real-time fertilizer production processes and industrial scale QA/QC practices.
- Gained exposure to environmental and safety protocols in large-scale chemical manufacturing.
- Interacted with process engineers and technical staff to understand plant instrumentation, automation, & management system.

► PROJECTS

Effect of Doping on The Micro-structure & Electrical Properties of Ceramics – Final Year Design Project | 2024-2025

- Studied how different dopants impact the conductivity, structure, & performance of ceramic material.
- Utilizes SEM, XRD, and dielectric testing for comprehensive analysis.
- Aim: To enhance the electrical performance and structural stability of ceramic material.



MUHAMMAD TAHA KHAN

Chemist

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Karachi, Pakistan

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► EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- TLC
- HPLC
- GC
- Column Chromatography
- UV-Vis Spectrophotometry

► CERTIFICATIONS

- ISO 9001:2015 - Quality Management System (QMS)

► PROFILE

Recent BS Chemistry graduate with a specialization in Industrial Chemistry from NED University, Karachi. Equipped with a strong academic foundation in analytical techniques including UV-Vis, titration methods, and spectrophotometry, alongside exposure to instrumentation like HPLC, GC. Familiar with industry standards such as ISO 9001 and GLP protocols, with a keen interest in Quality Control, Quality Assurance, and R&D environments. Passionate about transforming theoretical knowledge into real-world lab solutions, and committed to contributing to safe, efficient, and quality-driven chemical processes. A quick learner with a proactive mindset and strong attention to detail.

► WORK EXPERIENCE

Research Intern, Fuel Research Centre – PCSIR | Mar 2024 - Apr 2024

- Performed coal sampling and carried out proximate analysis to evaluate key physical properties.
- Measured flash point, cloud point, and pour point to assess fuel quality and stability.

► PROJECTS

Assessing the Chemical Composition of Molasses: Techniques for Physical and Chemical Characterization

- Industry Collaboration: Dewan Sugar Mills Limited
- Conducted physical and chemical analysis using instrumental and classical techniques for composition evaluation.
- Standardized and characterized molasses samples to establish a quality assessment framework for industrial use.
- Reviewed 60+ research articles to support the literature survey and strengthen the study framework.



MUNTAHA IMRAN

Chemist

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- Karachi, Pakistan
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► EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- Origin
- C++
- Prolog
- UV
- MS Office

► CERTIFICATIONS

- Web Designing – Aptech
- 2nd International Industrial Chemistry Conference - NED University
- Volunteer on the occasion of the 15-year celebration of SSWAB trust - YSR NGO

► PROFILE

Highly dedicated and attentive chemist with a firm background in chemical principles and processes. Capable of analytical techniques. Willing to apply knowledge and skills in a dynamic industry setting, contributing to creative approaches and process improvement.

► WORK EXPERIENCE

Teacher, IJK Coaching System

- Enthusiastic and experienced educator with more than 1 year of experience in teaching 9 and matric. Consistently successful in enhancing academic excellence, promoting critical thinking and encouraging students to reach their goals.

Internee, Sui Southern Gas Company Limited

- Goal-oriented and attentive intern with experience in the transmission department at SSGC. Gained hands-on knowledge of plants, Gases, and pipeline operations. Developed solid analytical and problem-solving skills, with an intense focus on process optimization and efficiency improvement.

Invigilator And Checker, Farabi Coaching Centre

- Dedicated and detail-oriented Invigilator and Checker. Proven ability to ensure adherence to examination rules and regulations. Skilled in reviewing and correcting written materials ensure error-free content.

► PROJECTS

Green synthesis of Quercetin mediated Silver nanoparticles – Final Year Design Project

- Conducted research on the synthesis of Ag nanoparticles and use of Flavonoids in synthesis.
- Successfully synthesized Ag nanoparticles and looked into their applications.



MUSAB BIN KHALID

Data ENGINEER /CHEMIST

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- Fb Area, Karachi
- [linkedin](#)

EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

TECHNICAL SKILLS

- Data Analysis
- SQL
- Tera data
- Hive Apache
- Power Bi
- SSRS

CERTIFICATIONS

- SQL FOR DATA SCIENCE | COURSERA | UC DAVIS | [LINK](#)
- DATA STORY TELLING WITH POWER BI | COURSERA | EDUREKA | [LINK](#)
- PWC JOB STIMULATION BY POWER BI | FORAGE | [LINK](#)
- SALES FORECASTING | HP LIFE | [LINK](#)
- 2ND INTERNATIONAL INDUSTRIAL CONFERENCE

PROFILE

Detail-oriented and analytical Data Analyst with practical experience in Power BI, SQL, and data storytelling. Skilled in data cleaning, dashboard development, and extracting actionable insights from complex datasets. Eager to drive business performance through data-driven decision-making and KPI optimization.

WORK EXPERIENCE

Data Engineer | Blue tech Consulting

As a Data Engineer at Blue tech Consulting, working for UBL, I design and manage scalable data pipelines that support the bank's analytics and reporting needs. My role involves extracting, transforming, and loading large datasets from diverse sources to ensure high data quality and availability. I collaborate with analysts and stakeholders to deliver reliable, insight-ready data. This work directly supports data-driven decision-making across the organization.

PROJECTS

Synthesis and characterization of DHMP– Final Year Design Project

Synthesized DHMP derivatives using the Biginelli multicomponent reaction involving aldehydes, esters, and thiourea.

- Optimized reaction conditions and purified products using recrystallization, column chromatography, and rotary evaporation.
- Characterized compounds through Thin Layer Chromatography (TLC) and Circular Dichroism (CD) spectroscopy to detect isomeric mixture.

CYBER SECURITY ANALYSIS |SQL & POWER BI | [LINK](#)

Conducted global cybersecurity analysis (2015-2024), finding DDoS attacks had the highest average financial impact (\$52.04M) and unpatched software was the top vulnerability; also identified key threat actors (nation-state, unknown) and informed data-driven security strategies.



MUZAMMIL JAMIL

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► EDUCATION

BS Chemistry

(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- Dyeing Techniques
- Water and Effluent Testing
- Statistical Process Control
- Separation Techniques
- Lab Safety
- Analytical Techniques
- Fabric Finishing Chemistry
- Process Optimization
- Safety in Chemical Handling

► CERTIFICATIONS

- ISO 9001-2015 (Quality Management System)
- Volunteer at 2nd International Industrial Chemistry Conference (March'2023)
- Attended ISNPC'16 – International Symposium on Natural Product Chemistry at the University of Karachi.
- Certified Digital Marketing Certification (NED ACADEMY)
- Active part of different NED students Societies
- Google Soft Skills Program by (PAFLA)
- Brand Ambassador of society of promotion of Science and Technology

► PROFILE

A passionate and dedicated Chemistry graduate with a specialization in Industrial Chemistry, seeking to contribute to prestigious industries by applying my knowledge and expertise. As a highly motivated individual, I aim to utilize my professional skills and efficiency to support organizational goals, bringing a positive and progressive attitude to every task.

► WORK EXPERIENCE

Intern, Siddiqsons Textile

(Jul/2023 - Aug/2023)

- Central Lab, Quality Control, R&D Department, Dyeing, Denim Manufacturing, Finishing, Production department, Fabric Testing and sizing, Working in Effluent Treatment Plant.

Intern, Envision International

(May/2021 - Aug/2022)

- Marketing strategy, Account handling, sales, communication, Sales marketing, bidding strategy, Team leadership, Manage campaigns, Email marketing, management of ads, meta ads and marketing funnel.

► PROJECTS

Final Year Project

(Associated with NED University)

(Aug/2024 - Jun/2025)

- Biological Evaluation of Triterpene and synthesis of its derivative. We done Synthesis of some new derivative and study their properties.



QAZI ABDUR RAFAY

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► EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- Basic Chemistry
- Instrument Calibration
- Results interpretation
- ISO 9001 Manufacturing Standards
- Equipment calibration

► CERTIFICATIONS

- ISO-9001:2015 Quality Management Auditor / Lead Auditor Training Course (18019) - Certificate # 08253
- Gold Medal awarded by Habib Public School

► PROFILE

Hardworking and passionate job seeker with strong skills in chemistry, eager to secure an entry-level position in the field. Proven ability of work independently and as part of a team, with a strong attention for detail and commitment to quality.

► WORK EXPERIENCE

MTO, SM Denim Mills

- Experience in Denim Mill operations, I have Developed expertise in production processes and quality control.

Intern, Pakistan Standards and Quality Control (PSQCA):

- Worked in Food laboratory.
- Worked in feed and fertilizer laboratory.

Intern, Pakistan Council of Scientific & Industrial Research (PCSIR)

- Gained hands-on experience in coal briquettes and humic acid production during my fuel research internship.

► PROJECTS

Comparison between Microwave and Conventional Sintering- Final Year Design Project

- To propose guidelines for selecting the appropriate sintering method based on the desired properties of electro ceramic materials.
- To evaluate the densification, grain growth and phase formation during microwave and conventional sintering



REHMA ZAMAN

Chemist



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► EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- Analytical Techniques
- Laboratory Safety and compliance
- Instrument calibration and maintenance
- Data Analysis and report
- Spectrophotometer

► CERTIFICATIONS

- 2nd International industrial Chemistry conference

► PROFILE

To obtain a responsible position in a company that will allow to utilize my educational skills for the benefits of the company as well as for professional growth in professional advancement.

► WORK EXPERIENCE

Intern, Barai Textile

- Analyzed rope dyeing processes in denim manufacturing
- Assist in Quality Control laboratory

► PROJECTS

Investigating the Synthesis, Characterization and Bioactive Properties of Thiosalicylic Acid – Final Year Design Project

- The synthesis of compounds with target biological activity such as thiosalicylic acid is critical in this contemporary chemical world because it connects the gap between organic synthesis and biological utility



MUHAMMAD AZFAR KARIM

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EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

TECHNICAL SKILLS

- Chromatography
- Skilled in GC , HPLC
- Skilled in FTIR , NMR
- Lab skills and safety
- Titration
- MS word and office

CERTIFICATIONS

- 2nd International Industrial Chemistry Conference(IICC) 2023 participation and volunteer.

PROFILE

Recent Chemistry graduate with strong academic background and hands-on experience through internships. Seeking a role in production, quality control, or R&D where I can apply analytical and lab skills to support industrial processes.

WORK EXPERIENCE

Intern, PCSIR laboratories (Pharmaceutical research center) | Feb 2024 – Mar 2024

- Completed one month internship focused on pharmaceutical research and development.
- Conducted analytical testing , supported formulation development and ensured adherence to quality and safety standards.

Industrial visit , Fauji Fertilizer bin Qasim Ltd. | Dec-2023

Observed real-time fertilizer production processes and industrial-scale QA/QC practices.

- Gained exposure to environmental and safety protocols in large-scale chemical manufacturing.
- Interacted with process engineers and technical staff to understand plant instrumentation, automation, and management systems.

PROJECTS

Effects of doping on the microstructure and electrical properties of ceramics
– Final Year Design Project | 2024 – 2025

- . Studied how different dopants impacts the conductivity , structure of ceramics.
- . Focused on increasing the performance and electrical properties of ceramics.



SAAD ANJUM FAIZ

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► EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- Chemical Analysis
- Quality Management System
- UV/Vis Spectrophotometry
- MS Office
- Quality Control
- Supply Restocking
- C/C++ Programming

► CERTIFICATIONS

- 2nd International Industrial Chemistry Conference (March 2023)

► PROFILE

Passionate and motivated Chemistry graduate aiming to apply my laboratory skills, understanding of industrial systems, and commitment to quality to drive process improvements. Skilled in analytical and separation techniques, with an interest in sustainable solutions and product innovation. Eager to learn new technologies and contribute to innovative and sustainable solutions.

► WORK EXPERIENCE

Intern, Ocean Chemicals

- Analyzed problems with teams to develop solutions.
- Maintained accurate records and documentation of projects to inform stakeholders of progress and updates.

► PROJECTS

Final Year Design Project - Synthesis and Spectrophotometric Determination of Mirogabalin Charge Transfer Complex

- Developed and validated a UV-Vis Spectrophotometric method for the quantitative determination of Mirogabalin (a novel drug for the treatment of neuropathic pain) in pharmaceutical dosage form



SABAHAT SOHAIL

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EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

TECHNICAL SKILLS

- Spectroscopy technique
- Quality Control
- HPLC
- Chromatography Technique
- Laboratory protocols
- Validation Techniques
- Soxhlet extraction

CERTIFICATIONS

- **2nd International Industrial Chemistry Conference**, organized by Department of Chemistry, NEDUET.

PROFILE

Detail-oriented Chemistry undergraduate with hands-on experience in pharmaceutical analysis, spectrophotometry, and method development. Skilled in analytical instrumentation, data interpretation, and maintaining quality standards in lab environments. Passionate about pharmaceutical research, quality assurance, and environmental safety, aiming to contribute to research or QA roles

WORK EXPERIENCE

Intern, PCSIR Laboratories (Research Center)

- Completed hands-on training in pharmaceutical and chemical analysis, including spectrophotometric techniques, titration, and sample preparation.
- Gained exposure to analytical instruments, SOPs, and quality control practices while supporting method development and ensuring lab safety compliance.

Industrial Visit – Fauji Fertilizer Company (FFC)

- Observed large-scale fertilizer production processes, including ammonia and urea synthesis. Gained insight into industrial safety standards, quality control procedures, and plant operations in a chemical manufacturing environment.

PROJECTS

Synthesis and Spectrophotometric Determination of Mirogabalin Charge Transfer Complex – Final Year Design Project

- Developed and validated a UV-Vis Spectrophotometric method for the quantitative determination of Mirogabalin (a novel drug for the treatment of neuropathic pain) in pharmaceutical dosage form.



TAHA PARWANI

Chemist

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- linkedin.com/in/taha-parwani

► EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- Origin
- AAS
- UV
- MS Office
- C++

► CERTIFICATIONS

- Lean Six Sigma Yellow Belt
- Nestlé E-Learning 2025, Resilience.

► PROFILE

Dedicated and determined chemistry graduate with a keen interest in lab work, quality systems and industrial systems. Always open to learning opportunities to enhance my skills and broaden my vision of chemistry.

► WORK EXPERIENCE

Intern, Envi Tech AI.

- Coordinated with lab manager to do water testing on different parameters such as, hardness, turbidity, metal detection.
- Learned to handle equipment such as, AAS, UV.

DC Agent, SNJ Global

- Handled paperwork regarding patients, and coordinated with doctor's offices to process everything.
- Increased productivity by up to 40% and increased patient satisfaction.

► PROJECTS

Green synthesis of Quercetin mediated Silver nanoparticles – Final Year Design Project

- Conducted research on synthesis of Ag nanoparticles and use of flavonoids in synthesis.
- Successfully synthesized Ag nanoparticles and looked into its applications.



SYEDA WANIA

Chemist

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EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

TECHNICAL SKILLS

- UV-Vis , FTIR, NMR spectroscopy
- Potentiometry
- Soxhlet extraction
- Statistical process control

CERTIFICATIONS

- English and Dutch language course.
- Certificate of appreciation for presenting a theatre related to chemistry.

PROFILE

A highly motivated and detail-oriented Chemistry graduate with strong foundational knowledge in organic, inorganic, and analytical chemistry. Skilled in laboratory techniques, data analysis, and research with hands-on experience through academic project.

WORK EXPERIENCE

Technician, skin xperts

Skin xperts clinic is a dermatologist clinic which treat skins and skin related diseases. (2019 – 2020)

Teacher, Group tuition center

Teacher of chemistry (2020 – 2025)

Intern, PCSIR Laboratories (pharmaceutical Research Center)

- Completed a one- month internship focused on pharmaceutical research and development.
- Conducted analytical testing and ensured adherence to quality and safety standards.

PROJECTS

Synthesis and spectrophotometric determination of mirogabalin Charge Transfer complex – Final Year Design Project

- Development and validated a UV-Vis spectrophotometric method for the quantitative determination of Mirogabalin (a novel drug for the treatment of neuropathic pain) in pharmaceutical dosage form.



MUHAMMAD USMAN AZAM KHAN

Chemist



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Scheme 33, Karachi

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EDUCATION

BS Chemistry

(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

Intermediate

(Pre-engineering)
2019 - 2021

Matric

(Computer Science)
2017-2019

TECHNICAL SKILLS

- Spectrophotometry
- Compound analysis
- Spectroscopy
- pH Analysis
- Separation Techniques
- Chromatography

CERTIFICATIONS

- Simulation workshop on trouble shooting in refining operations - March 2024
- Volunteer at 2nd International Industrial Chemistry Conference - March 2023

PROFILE

Highly enthusiastic and driven final year under-graduate seeking a challenging entry-level position in the chemical industry. Completed a Bachelor of Science in Chemistry, Specialization in Industrial Chemistry at NED University. Possesses strong laboratory skills, a keen interest in organic chemistry, analytical techniques as well as separation techniques.

WORK EXPERIENCE

MTO, Bluebird Paints, Standard Colours and Chemicals, Mauripur, Karachi, July 2025 – till now

- I am actively involved in both Production and R&D departments.
- I assist in identifying process flaws during manufacturing and propose improvements.
- while also contributing to product development through lab testing and formulation optimization.

Intern, Fuel Research Centre-PCSIR, Karachi, March 2024 - April 2024

- Implemented lesson plans related to fuel research.
- Learned about coal mining, its sampling, identification, Humic acid production and some lab testing includes proximate analysis, humic acid gravimetric analysis, pensky martens flash point analysis, cloud and pour point analysis.

Intern, Siddiqsons Pvt. Ltd, Karachi, August 2023 - September 2023

- Visited rope dyeing plant process of Denim.
- Prepare a brief report on rope dyeing and central QC lab.

PROJECTS

Final Year Project - Associated with NED University, September 2024 - May 2025– Final Year Design Project

- INVESTIGATING THE SYNTHESIS, CHARACTERIZATION ,AND BIOACTIVE PROPERTIES OF THIO SALICYCLIC ACID



ABDULLAH SABIH KHAN

CHEMIST

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► EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- Skilled in both classical wet chemistry techniques and modern instrumental methods including HPLC, GC, UV-Vis, and FTIR, NMR spectroscopy.
- Skilled in both scientific and productivity software, including Origin, Ms Word, Excel, PowerPoint,

► CERTIFICATIONS

2nd International Industrial Chemistry Conference(IICC) 2023 participation and volunteer.

► PROFILE

Detail-oriented chemist passionate about chemical analysis, method development, and lab research. Proficient in handling analytical instruments with accuracy and dedicated to producing reliable results. Driven by curiosity, critical thinking, and a commitment to scientific

► WORK EXPERIENCE

- Intern, Envi tech.
- Intern, PSQCA

► PROJECT

Undergraduate Final Year Design Project

Title: COMPARISON BETWEEN MICROWAVE AND CONVENTIONAL SYNTHESIS OF ELECTROCERAMICS

Presented at: chemistry department at captain Naseem UL Haq block 2025.



AHMED ALI ABBASI

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► EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- Origin
- UV
- Prolog
- Adobe Illustrator
- Adobe Photoshop
- Microsoft Office (Word, Excel, PowerPoint)

► CERTIFICATIONS

- 2nd Industrial Chemistry Conference (IICC)

► PROFILE

I am a Chemist from NED University who is innovative and detail-oriented. I have a demonstrated track record of research, laboratory, and analytical capabilities that I am applying to the development of sustainable chemical processes in the industrial sector

► WORK EXPERIENCE

Sales Executive, Ambass International

- the ability to effectively communicate with clients, understand their needs, and articulate the value of products or services.
- capability to negotiate deals, build rapport, and close sales while maintaining strong relationships with clients.

Sales Executive, Softec Global

- Consistently surpassing sales goals through strategic client engagement, effective product pitching, and strong relationship-building.
- Successfully identifying and acquiring new clients, expanding existing accounts, and driving revenue growth through innovative solutions and tailored sales strategies.

► PROJECTS

– Final Year Design Project

Effective Removal of Dyes from Water by Utilizing Modified and Unmodified Bark of Guaiacum Officinale

- Investigated the adsorption potential of natural and chemically modified bark as a low-cost adsorbent.
- Characterized bark using analytical techniques such as FTIR and SEM.
- Tested dye removal efficiency for Methylene Blue and Malachite Green.
- Evaluated adsorption isotherms and kinetics to optimize the removal process.



SYEDA AMNA IMAM

CHEMIST

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► EDUCATION

BS Chemistry
(Specialized in Industrial
Chemistry),
NED University of
Engineering and
Technology
2021-2025

► TECHNICAL SKILLS

- Separation techniques
- Salt analysis
- Titration
- UV Spectrophotometry
- Spectroscopy
- Chromatography
- Ms Office

► CERTIFICATIONS

-2nd International
Industrial Chemistry
Conference(IICC) held in
NED University.

► PROFILE

A graduate looking for a entry level position in the chemical business. Earned 3.435 CGPA while completing a Bachelor of Science in Chemistry with a focus on Industrial Chemistry from NED University.

Demonstrates excellent laboratory skills and a strong interest in analytical chemistry, organic chemistry, pharmaceutical chemistry, environmental chemistry, separation methods, and quality control.

► WORK EXPERIENCE

Intern, Barai textile.

Assist in quality control laboratory

► PROJECT

Investigating the synthesis , characterization and bioactive properties of thiosalicylic acid.

- Conducted research on thiosalicylic acid.
- Investigated antibacterial properties of thiosalicylic acid.



AYESHA REHMAN

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► EDUCATION

BS Chemistry
(Specialized in Industrial
Chemistry),
NED University of Engineering
and Technology
2021-2025

► TECHNICAL SKILLS

- Origin
- UV
- Prolog
- Adobe Illustrator
- Adobe Photoshop
- Microsoft Office (Word, Excel, PowerPoint)

► CERTIFICATIONS

- 2nd Industrial Chemistry Conference (IICC)
- Envision'22 in Logic Quiz arranged by IEEE

► PROFILE

I am a Chemist from NED University who is innovative and detail-oriented. I have a demonstrated track record of research, laboratory, and analytical capabilities that I am applying to the development of sustainable chemical processes in the industrial sector.

► WORK EXPERIENCE

Intern, Azfar Laboratories

- As an Intern at Azfar Laboratories, I gained hands-on experience in laboratory techniques, quality control processes, and research methodologies, enhancing my skills in analytical chemistry.
- I also developed a deeper understanding of pharmaceutical regulations, safety protocols, and teamwork in a professional lab setting.

Intern, Apex Pharmaceuticals

- As an Intern at Apex Pharmaceuticals, I gained practical experience in pharmaceutical research and development, formulation techniques, and quality assurance processes.
- I also developed skills in laboratory testing, data analysis, and regulatory compliance, enhancing my knowledge of the pharmaceutical industry.

► PROJECTS

- Final Year Design Project

Effective Removal of Dyes from Water by Utilizing Modified and Unmodified Bark of Guaiacum Officinale

- Investigated the adsorption potential of natural and chemically modified bark as a low-cost adsorbent.
- Characterized bark using analytical techniques such as FTIR and SEM.
- Tested dye removal efficiency for Methylene Blue and Malachite Green.
- Evaluated adsorption isotherms and kinetics to optimize the removal process.



MUHAMMAD DAWOOD KHAN

CHEMIST

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- linkedin.com/in/dawood_k02

► EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- Skilled in both classical wet chemistry techniques and modern instrumental methods including HPLC, GC, UV-Vis, and FTIR, NMR spectroscopy.
- Skilled in both scientific and productivity software, including Origin, Ms Word, Excel, PowerPoint,

► CERTIFICATIONS

2nd International Industrial Chemistry Conference(IICC) 2023 participation and volunteer.

► PROFILE

Detail-oriented chemist passionate about chemical analysis, method development, and lab research. Proficient in handling analytical instruments with accuracy and dedicated to producing reliable results. Driven by curiosity, critical thinking, and a commitment to scientific

► WORK EXPERIENCE

- Intern, PCSIR Laboratories (Pharmaceutical Research Center) (Feb 2024 - Mar 2024)

Completed a one-month internship focused on pharmaceutical research and development. Conducted analytical testing and ensured adherence to quality and safety standards.

- Virtual Intern, Halal Research Council (Jun 2023 - Aug2024)
Conducted data analysis, literature review and contributed to the development of research reports. Wrote an article on importance of halal certification in pharmaceutical industry.

► PROJECT

Undergraduate Final Year Design Project

Title: Effect of doping for the microstructural and electrical properties of ceramics with SEM,LCR, testing.

Presented at: chemistry department at captain Naseem UL Haq block 2025.



Syed Shahrukh Ali Naqvi

Chemist

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- Karachi
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► EDUCATION

- BS Chemistry (Specialized Chemistry),
- NED University of Engineering and Technology 2021-2025
- Alevels
- Highbrow College 2021
- OLEVELS
- HABIB PUBLIC SCHOOL 2019

► TECHNICAL SKILLS

- Spectral Data Analysis
- Separation Techniques
- Analytical Techniques
- Quality Tools MS Office
- Proficiency

► CERTIFICATIONS

- 2 International Industrial Chemistry Conference (IICC)- (Ned University)

► PROFILE

Industrial Chemistry is a field which provides knowledge to develop new products and processes. As a Chemist I want to utilize my skills in testing, development and research and secure a position in reputable organization to expand my learning and skills.

► WORK EXPERIENCE

Intern, GETZ PHARMA (ADM)

- **Worked at different departments i.e. washing process, Stitching, Dyeing and Indigo dyeing process.**

► PROJECTS

Synthesis and Activity of Biologically Active compounds.

- **In this FYP, we focus on the synthesis and evaluation of biologically active compounds. We carry out multi-step**
- **organic synthesis to develop novel molecules with potential therapeutic properties. After successful synthesis, we analyze their structural properties and test their biological activity against specific targets to determine their effectiveness. This project helps in understanding how structural modifications influence biological function and contributes to the development of potential drug candidates.**



SUMAYYA KHAN

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EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

TECHNICAL SKILLS

- Chromatographic Techniques
- HPLC
- Lab safety protocols
- Spectroscopy Techniques
- Communication
- Quality control
- Validation Techniques
- MS-OFFICE
- Chemdraw

CERTIFICATIONS

- 2nd International Industrial Chemistry Conference (March 2023)

PROFILE

Motivated BS Chemistry student enthusiastic about applying scientific principles to practical challenges. Actively pursuing job opportunities to acquire hands-on experience and contribute to cutting-edge projects within the industry. Keen to apply academic knowledge and analytical skills in a dynamic industrial setting.

WORK EXPERIENCE

Archroma (Internship)

Gained experience in textile chemistry at Archroma Pakistan Limited, focusing on dyeing, printing, finishing, and quality control. Developed expertise in chemical processes for high-quality textile production.

Fauji Fertilizer (visit)

Gained practical exposure to large-scale chemical manufacturing, safety procedures, and industrial operations. Strengthened understanding of process chemistry and its real-world applications through hands-on learning.

PROJECTS

Final Year Design Project

Derivatization of natural product enabling biological activity

- Chemical derivatization of natural compounds to create new entities with improved properties.
- Investigation of how derivatization affects the biological activity of natural products



Syeda Waniya Qamar

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EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

TECHNICAL SKILLS

- Chromatographic
- Techniques HPLC
- Lab safety protocols
- Communication
- Quality control
- Validation Techniques
- MS-OFFICE
- Chemdraw

CERTIFICATIONS

- 2nd International Industrial Chemistry Conference (March 2023)

PROFILE

Motivated BS Chemistry student enthusiastic about applying scientific principles to practical challenges. Actively pursuing job opportunities to acquire hands-on experience and contribute to cutting-edge projects within the industry. Keen to apply academic knowledge and analytical skills in a dynamic industrial setting.

WORK EXPERIENCE

Archroma (internship)

Gained experience in textile chemistry at Archroma Pakistan Limited, focusing on dyeing, printing, finishing, and quality control. Developed expertise in chemical processes for high-quality textile production.

PROJECTS

Final Year Design Project

Derivatization of natural product enabling biological activity

- Chemical derivatization of natural compounds to create new entities with improved properties.
- Investigation of how derivatization affects the biological activity of natural products



SYED TALHA HUSSAIN

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► EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- HPLC
- GC
- TLC
- Column Chromatography
- UV-Vis Spectrophotometry

► SOFT SKILLS

- Team Collaboration
- Problem Solving
- Report Writing
- Time Management
- Adaptability

► CERTIFICATIONS

- ISO 9001 : 2015
Quality Management Systems
- ISO/IEC-17025 : 2017
Laboratory Management Systems

► PROFILE

Recent Chemistry graduate from NED University, Karachi, seeking an entry-level position in R&D and Quality Control and Quality Assurance. Knowledgeable in HPLC, GC, FTIR, NMR, MS, and other classical analytical techniques. Familiar with ISO 9001, ISO 17025, GLP, and the use of QC tools. Eager to apply theoretical knowledge in a professional laboratory setting and develop practical industry skills.

► WORK EXPERIENCE

Production Intern, Siddiqsons Pvt. Ltd. | Aug 2023- Sep 2023

- Analyzed rope dyeing processes in denim manufacturing.
- Prepared technical reports and assisted in quality control laboratory testing.

Research Intern, Fuel Research Centre – PCSIR | Mar 2024 - Apr 2024

- Conducted sampling, identifying, and examined the proximate analysis of coal.
- Determine flash point, cloud point and pour point of fuel.

► PROJECTS

Preparation, Chromatographic Purification and Determination of Physical Properties of Pyrimidine compound – Final Year Design Project

- Synthesized, Isolate and purified chiral structures of di-hydropyrimidine derivatives (DHPM).
- Determine their absolute configuration through Spectroscopic techniques.



MUHAMMAD TAHA

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► EDUCATION

BS Chemistry
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NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- Spectrophotometry
- Quality Systems
- Industrial Safety
- Analytical Techniques
- Targeted Chemical Synthesis

► CERTIFICATIONS

- 2nd International Industrial Chemistry Conference (March 2023)

► PROFILE

Passionate and driven chemistry graduate eager to apply my knowledge of lab, quality, and industrial systems to improve chemical processes and develop new products. I'm proficient in analytical techniques, quality control, and sustainable practices, and I'm ready to contribute to innovation. My goal is to solve complex challenges and make a tangible impact on product efficiency and environmental responsibility.

► WORK EXPERIENCE

Intern, Afroze Textiles

- Learned towel production and dyeing processes (exhaust and continuous).
- Learned associated Quality Control and Quality Assurance procedures.

Intern, Archroma

- Gained foundational experience in textile wet processing.
- Gained understanding of the dyeing of various fabrics using diverse processes and dyes.
- Acquired insight into printing techniques, Fastness Tests, classical & special finishing applications, industrial safety, and digital printing.

► PROJECTS

Final Year Design Project - Derivatization of Natural Products enabling Bioactivity

- Successfully synthesized and derived new bioactive compound of a natural compound.
- Succeeded in enhancing the anti-bacterial properties of said natural compound.
- Performed targeted synthesis to derive a natural compound.



WARISHA AZEEM

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► EDUCATION

BS Chemistry
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NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- Chromatographic Techniques
- HPLC
- Lab safety protocols
- Spectroscopy Techniques
- Communication
- Quality control
- Validation Techniques
- MS-OFFICE
- Chemdraw

► CERTIFICATIONS

- 2nd International Industrial Chemistry Conference - NED University
- Fuji fertilizer -Industrial visit

► PROFILE

A highly dedicated and observant chemist with a strong, hands-on connection to the core principles and evolving processes of chemistry. With a sharp eye for precision and a steady hand in analytical techniques, my academic journey, rooted in industrial chemistry, has shaped a deep appreciation for the structure of quality systems and the rhythm of industrial operations.

► WORK EXPERIENCE

Intern, PCSIR

- Completed Internship Training Program On "OVERVIEW OF ANALYTICAL TECHNIQUES IN CHEMISTRY AND SOPHISTICATED INSTRUMENTS" in the field of Chemistry for the period of 02 Weeks at Applied Chemistry Research Centre (ACRC), PCSIR Laboratories Complex, Karachi

Lab In charge, IBI SCHOOLING SYSTEM

- Cleaned and sterilized glassware, instruments, and other lab apparatus
- Provided assistance with set-up of new equipment prior to use in the lab.

► PROJECTS

Preparation, Chromatographic Purification and Biological Characterizations of Pyrimidine compounds – **Final Year Design Project**

- The study will focus in preparation of some new 5-carboximide DHPM and study their spectral properties that HNMR and C13 NMR, Biological investigations and prediction of binding values.
- This study enables us to understand the synthetic, spectral and computational analysis
- The study output are important for medicine and pharmaceutical industry



SALEHA NAZ

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► EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- Chemical Analysis
- HPLC(Basic)
- Report Writing and Documentation
- Research
- Project Management
- MS office
- Public Speaking

► CERTIFICATIONS

- 2nd International Industrial Chemistry Conference(IICC)-Ned University
- Winner of Debate competition - Govt Girls Degree College sheikh zaid Centre.

► PROFILE

A recent chemistry Graduate with a specialization in industrial chemistry, possessing a solid academic foundation in analytical chemistry, process control and industrial safety. Aspiring to build a career in the chemical, pharmaceutical and manufacturing industries within the Quality Control (QC) and Quality Assurance (QA) departments. Well-versed in pharmaceutical testing procedures, GMP guidelines, and quality documentation practices. Skilled in analytical techniques including titration, UV-Vis spectroscopy, and chromatography.

► WORK EXPERIENCE

Intern, Lucky Textile Mills Limited

- I gained hands - on experience in the textile manufacturing process from fiber production to finishing treatment.
- I developed skills in operating machinery, understanding textile materials and quality control procedures.

Intern, PCSIR -Pakistan Council of Scientific and Industrial Research

- Worked on coal briquetting at PCSIR, where I was involved in researching and developing efficient methods for converting coal into briquettes .
- My work focused on improving the binding agents optimizing the briquetting process and enhance the physical and thermal properties of briquettes.

► PROJECTS

Synthesis and Charactrization OF Dihydropyrimidines – Final Year Design Project

- Under the right reaction circumstances, we successfully generated Dihydropyrimidine derivatives in this study using the Biginelli reaction.
- To improve yields, reduce reaction times, and boost product purity, the procedure was improved.
- The resulting compounds were described using Analytical techniques, including CD (Circular Dichroism) and Thin-layer Chromatography.
- The produced Dihydropyrimidines, recognized for their medicinal importance, particularly in anticancer, antiviral, and anti-inflammatory uses.



cvb

ROHA TANEEM

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EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

SKILLS

- Titration, filtration, distillation, recrystallization, chromatography
- Spectrophotometry, pH meter handling,
- MS office
- Basic Coding ; C++ ,Python
- Soft Skills – Creative, time management, teamwork, and problem-solving

CERTIFICATES

- Completed the training in communication and soft skills course under DigiSkills Training Program
- Received ehsaas scholarship
- Participate in 2nd International Industrial Chemistry Conference
- Attended seminar on Gas Chromatography

PROFILE

A BS Chemistry graduate from NED University with practical experience in laboratory work, including chemical testing, and equipment handling. Skilled in applying analytical techniques such as chromatography and spectrophotometry. Strong understanding of lab safety, documentation, and standard procedures. Quick learner with good time management, teamwork, and a growing interest in automation tools to support lab efficiency. Eager to apply my theoretical and laboratory skills to contribute to real world project.

WORK EXPERIENCE

Intern – Quality Control & Lab Testing

Lucky Textile Mills Limited (LTML)

February 24 – March 24

- Performed chemical and fabric testing (pH, formaldehyde, hardness, dye identification) and assisted in pretreatment processes (desizing, bleaching, mercerizing).
- Supported ETP lab work by monitoring BOD, COD, and other water quality parameters to ensure compliance with environmental standards.

Intern, Coal Testing

Fuel Research Centre PCSIR

March 24 - April 24

- Performed testing of petroleum-based fuels and lubricants, including flash point, pour point, viscosity, and calorific value.
- Assisted in proximate analysis of coal and biomass (moisture, ash, volatile matter, fixed carbon) and sulfur content determination.
- Observed instruments such as bomb calorimeter, viscometer, and GC-MS under supervision

PROJECTS

Synthesis and characterization of DHMP– Final Year Design Project

- Synthesized DHPM derivatives using the Biginelli multicomponent reaction involving aldehydes, esters, and thiourea.
- Optimized reaction conditions and purified products using recrystallization, column chromatography, and rotary evaporation.
- Characterized compounds through Thin Layer Chromatography (TLC) and Circular Dichroism (CD) spectroscopy to detect isomeric mixtures



ROHAAN KIDWAI

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► EDUCATION

BS Chemistry
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NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- Chemical Safety & Quality Control
- Analytical Techniques
- Laboratory Techniques & Instrumentation
- Teamwork
- Problem Solving
- Time Management

► CERTIFICATIONS

2nd International Industrial Chemistry Conference-Ned University

► PROFILE

A passionate Industrial Chemistry graduate with a strong foundation in chemical processes, materials science, and industrial applications. Skilled in laboratory techniques, quality control, and analytical problem solving. Eager to contribute to innovative, sustainable solutions in manufacturing or research environments. Committed to continuous learning and professional growth.

► WORK EXPERIENCE

Intern, Sui Southern Gas Company (SSGC) Karachi, Pakistan
Quality Control 04/2025 – 05/2025

- Conducted chemical analysis on industrial polymers and dyes to ensure quality compliance. Performed degradation, solubility, and resistance tests using standardized methods. Analyzed dye components with UV-Vis Spectroscopy, pH meters, and titration. Prepared solutions, tested samples, and supported lab safety and documentation. Gained hands-on experience in analytical chemistry and QC protocols (ASTM/ISO).

► PROJECTS

FINAL YEAR DESIGN PROJECT

- Synthesis and activation of biological compounds (Final year project of B.S Industrial Chemistry, NEDUET)
- Alternative Biofuels Project: A Way Towards Climate Action (UNDP Pakistan)



RUMAAN HAIDER

Chemist

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Karachi, Pakistan

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► EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- Industrial Chemistry
- Arduino Prototyping
- Analytical Thinking
- Communication
- Precision

CERTIFICATIONS

- 2nd International Industrial Chemistry Conference - NED University
- AKDC'22
- Arduino (2020)
- Python (2022)
- English Language Certificate
- Amazon PL Product Hunting
- Medical First Aid & Emergency Rescuer

► PROFILE

Dedicated and motivated undergraduate student pursuing a BS in Industrial Chemistry. I am deeply passionate about integrating my scientific knowledge with technical expertise, particularly through the application of Arduino skills to innovative projects. I have a keen interest in exploring how Industrial Chemistry and Arduino technology intersect. I am excited to contribute to projects that harness the synergy between these fields, and I'm eager to leverage my skills and enthusiasm to drive meaningful advancements.

► WORK EXPERIENCE

Intern, AL KARAM ENTERPRISES

AL KARAM ENTERPRISES Customer Service Representative • Provided exceptional customer service by addressing inquiries, resolving issues, and ensuring customer satisfaction. Assisted customers in making product selections, placing orders, and tracking shipments. • Effectively communicated with team members to coordinate order processing and delivery schedules. • Managed quality assurance of the product

Intern, King Insecticides

Gained hands-on experience in both the manufacturing and quality assurance departments, developing a strong understanding of variable-sensitive components and their impact on production quality.

► PROJECTS

Effective Removal of Dyes from Water by Utilizing Modified and Unmodified Bark of *Guaiaicum officinale* – Final Year Design Project

As part of my undergraduate research, I worked on developing an eco-friendly and cost-effective method to remove toxic dyes—Methylene Blue and Malachite Green—from wastewater using natural and chemically modified bark of *Guaiaicum officinale*. I was involved in optimizing key parameters such as pH, contact time, dye concentration, and adsorbent dosage. I also contributed to UV-Vis analysis and FTIR characterization to study the functional groups responsible for adsorption. The project highlighted the enhanced dye removal capacity of modified bark and demonstrated its potential for sustainable wastewater treatment.



SARBA AFTAB



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[Sarba Aftab | LinkedIn](#)

Chemist

► EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- UV-Vis
- Spectrophotometry
- Spectroscopy
- Chromatography
- Titration
- Salt Analysis
- Separation Techniques
- MS Office

► CERTIFICATIONS

2nd International Industrial Chemistry Conference(IICC) held in NED University.

► PROFILE

I'm a dedicated and detail-oriented chemist with a solid background in industrial chemistry and hands-on experience with analytical techniques. I have a strong interest in understanding how materials behave and how chemical processes work, especially in practical, real-world settings. Throughout my studies, I've developed a good sense of lab precision, quality systems, and the flow of industrial operations, along with a growing appreciation for sustainable and innovative approaches in chemistry.

► WORK EXPERIENCE

Intern, Barai Textiles LLC

- Acquired practical experience in textile manufacturing processes, with a focus on quality control and fabric inspection.
- Gained exposure to various textile materials, dyeing methods, and the operation of industry-standard machinery.

Intern, Helix Pharma – Quality Assurance

- Assisted in reviewing batch records and ensuring GMP compliance.
- Gained exposure to SOPs, deviation handling, and internal audit processes.
- Supported documentation and quality checks during manufacturing.

► PROJECTS

Investigating the synthesis, characterization and bioactive properties of thiosalicylic acid.

- Conducted research on thiosalicylic acid.
- Investigated antibacterial properties of thiosalicylic acid



ZOBIA ZULFIQAR

Chemist

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► EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
CGPA 3.81(Position Holder)
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- Quality Management system
- Data Compliance
- Chromatographic techniques
- Chemdraw
- Problem Solving
- Analytical thinking

► CERTIFICATIONS

- 2nd International Conference of Chemistry 2023
- Fauji Fertilizer Visit
- 16-ISONPC Conference of Chemistry and do Poster Event

► PROFILE

Enthusiastic fresh graduate looking for an opportunity to apply my knowledge and skills in a challenging environment, and to grow professionally while contributing to the goals of the organization. Seeking a laboratory position that allows me to take my skills into the real world.

► WORK EXPERIENCE

PSQCA, KARACHI
Intern

- Assisted in Quality control procedures and standard compliance for various industries.
- Gains hand on experience on regulatory Framework and product testing.

MERIT PACKAGING LTD, KARACHI
Intern

- Contributed to laboratory analysis and process optimization.
- Collaborated on Ethyl Acetate safety project.

► PROJECTS

BIOLOGICAL EVALUATION OF TRITERPENE AND SYNTHESIS OF ITS DERIVATIVES

- Conducted research on Fusidic acid, a steroidal antibiotic derived from Fusidium Coccineum
- Investigated the antibacterial activity of Fusidic acid
- Designed and synthesized structural analogues of Fusidic acid



ZORAIZ ALI

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► EDUCATION

BS Chemistry
(Specialized in Industrial Chemistry),
NED University of Engineering and Technology
2021-2025

► TECHNICAL SKILLS

- Spectrophotometry
- Compound analysis
- Spectroscopy
- pH Analysis
- Separation Techniques
- Chromatography

► CERTIFICATIONS

► PROFILE

Detail-oriented chemist passionate about chemical analysis, method development, and laboratory research. Proficient in operating analytical instruments with precision, and committed to delivering reliable results. Driven by curiosity, critical thinking, and a strong dedication to scientific advancement.

► WORK EXPERIENCE

Intern, PCSIR

- Implemented lesson plans related to fuel research.
- Learned about coal mining, its sampling, identification, Humic acid production and some lab testing includes proximate analysis, humic acid gravimetric analysis, pensky martens flash point analysis, cloud and pour point analysis.

Intern, Getz Pharma (Plant Engineering)

- Understanding of plant operations and processes
- Familiarity with industry-specific software and tools
- Problem-solving and critical thinking skills
- Communication and teamwork skills

► PROJECTS

Synthesis and activity of biological active compound—Final Year Design Project

CGPA SUMMARY AND LINKEDIN PROFILES

S. No	Full Name	CGPA	Linkedin Profile Link
1.	Sadaf khan	3.87	linkedin.com/in/sadafkhan06
2.	Muhammad Aun	3.86	linkedin.com/in/muhammad-aun-a4878225a
3.	Bakhtawar Mumtaz	3.77	linkedin.com/in/bakhtawar-mumtaz-055765267
4.	Maham Qidwai	3.74	linkedin.com/in/maham-qidwai-b013b1238
5.	Muskan Shehzad	3.72	linkedin.com/in/muskan-shehzad-36585b253
6.	Amjad Hameed	3.70	linkedin.com/in/amjadhameed
7.	Nimra Barai	3.70	linkedin.com/in/nimra-barai-490ba4373
8.	Anamta yaseen	3.68	https://www.linkedin.com/in/anamta-yaseen-058b45255
9.	Saleha	3.66	linkedin.com/in/saleha-naz-a06115254
10.	Fanila Ashraf	3.65	linkedin.com/in/fanila-ashraf-385915250
11.	Haram Adnan	3.64	linkedin.com/in/haramadnan
12.	Mahwish Touheed	3.61	linkedin.com/in/mahwish-touheed-024b74354
13.	Muhammad Talha Khan	3.61	linkedin.com/in/muhammad-talha-khan
14.	Sarba Aftab	3.60	linkedin.com/in/sarba-aftab-11312428b
15.	Muhammad Dawood khan	3.53	Linkedin.com/in/dawood_ko2
16.	Alishba Rao	3.51	linkedin.com/in/alishba-rao-449349370
17.	Syed Talha Hussain	3.49	linkedin.com/in/syed-talha-hussain-976a2b229
18.	Syeda Waniya Qamar	3.49	linkedin.com/in/syeda-waniya-64110b375
19.	Malaika Maqsood	3.49	www.linkedin.com/in/malaika-maqsood-962aa2308
20.	Sumayya Khan	3.45	linkedin.com/in/sumayya-khan-a709a32a5
21.	Syeda Amna Imam	3.43	Linkedin.com/in/s-amna-imam2120

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25.	Alina kashif	3.35	linkedin.com/in/alina-kashif-120237257/
26.	Hammad Siddiqui	3.33	linkedin.com/in/hammad-siddiqui-5b033a34b/
27.	Aqdus Gul	3.29	linkedin.com/in/aqdus-gul-257338246
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29.	Aiman Ali	3.22	linkedin.com/in/aiman-ali-8354b227a
30.	Eman Khalid	3.21	linkedin.com/in/eman-khalid-4b4069118/
31.	Roha taneem	3.20	www.linkedin.com/in/roha-raghib
32.	Alina Amin	3.18	Alina Amin LinkedIn
33.	Batool Hasan	3.17	https://www.linkedin.com/in/batool-hasan-92978227a
34.	Warisha Azeem	3.14	linkedin.com/in/warisha-azeem-70077027a
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36.	Fakhir Aamir	3.13	linkedin.com/in/faakhir-aamir-b89bob265
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39.	Muhammad Taha	3.08	linkedin.com/in/tahamuhd
40.	Ali ahmed	3.06	linkedin.com/in/ali-ahmed-267365258
41.	Muhammad Fozan Shoaib	3.01	linkedin.com/in/muhammadfozanshoaib
42.	Sabahat sohail	3.00	linkedin.com/in/sabahat-sohail
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44.	Musab Bin Khalid	2.99	linkedin.com/in/musab-bin-khalid-00880b251
45.	Ali Abbas	2.97	linkedin.com/in/-aliabbas/
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49.	Taha	2.88	linkedin.com/in/taha-parwani
50.	Muhammad azfar karim	2.85	Linkedin.com/in/muhammad-azfar-karim-2208a6283
51.	Rohaam Kidwai	2.78	linkedin.com/in/rohaankidwai
52.	MuhammadHammad Bhatti	2.68	linkedin.com/in/hammad-bhatti
53.	Rumaan Haider	2.62	linkedin.com/in/rumaan-haider-04631a26a
54.	Muhammad Bilal Khan	2.58	linkedin.com/in/muhammad-bilal-khan-6a6002370
55.	Abdullah Sabih Khan	2.56	https://pk.linkedin.com/in/abdullah-khan-a48065258
56.	Saad Anjum Faiz	2.55	linkedin.com/in/saad-anjum-b7b06b178
57.	Muhammad usman azam khan	2.42	linkedin.com/in/usman-azam-3a47a0214