

CURRICULUM VITAE

Name	Dr. Anum Hayat
Personal	<p>Nationality: Pakistani</p> <p>Email: anum.hayat@kinnaird.edu.pk anumformanite@gmail.com</p> <p style="text-align: center;"><u>Academic Profile</u></p> <p>2023 Ph.D Chemistry (Inorganic/Analytical Chemistry) Forman Christian College (A Chartered University)</p> <p>2013 M.Phil Chemistry (Inorganic/Analytical Chemistry) Forman Christian College (A Chartered University)</p> <p>2011 M.A English University Of Punjab</p> <p>2007-2011 BS (Hons) Chemistry (Specialization: Analytical chemistry) Kinnaird College for Women, Lahore</p> <p>2009 B.A University Of Punjab</p> <p>2007 FSc (Pre-Medical) Kinnaird College for Women, Lahore</p> <p>2005 Matric (Science) Sacred Heart Cathedral High School</p>
Experience	<p>2015 - till date <i>Assistant Professor</i> Kinnaird College for Women, Lahore</p> <p>2009-2016 <i>Assistant Supervisor</i> (May/June session) British Council, Lahore</p> <ul style="list-style-type: none"> • O/A level and ACCA Examinations <p>Jan-Sept 2015 <i>O' Levels Teacher (Chemistry)</i> Beaconhouse School System, Lahore</p> <p>Jan-Dec 2014 <i>O' Levels Teacher (Chemistry)</i> DHA Senior School for girls, Lahore</p>

	<p>2012-2013 <i>Teacher Assistant</i></p> <p>Forman Christian College, a Chartered University, Lahore</p> <p>June-July 2010 <i>Intern</i></p> <p>University of Punjab, Lahore</p> <ul style="list-style-type: none"> Analytical Instrumental Handling
Honor And Awards	<p>2025 <u>Served as</u> Moderator in 3rd International conference on Science, innovation and Technology. 19th-21st Feb 2025.</p> <p>2025 Served as Judge in Sci FEST in the round of Battle of brains held at KCW on 23rd January 2025</p> <p>2024 Successfully completed an International course “3rd Women’s Leadership in Asia: Shaping Our Future” from August 19 to August 30, 2024 hosted by Ewha Woman’s University, Korea.</p> <p>2023 Certification of service and participation in two days workshop on Drug discovery and Design at FCCU.</p> <p>2023 Certification of service and participation as ‘moderator’ in ‘Kinnaird’s 2nd International conference on science, technology and innovation’ conducted by ORIC, Kinnaird College for Women, Lahore</p> <p>2020 Certification of Service and Participation in 3rd International Conference on Chemical & Pharmaceutical Sciences: New Trends in Medicinal & Pharmaceutical Chemistry at FCCU, Lahore</p> <p>2019 Poster presentation in the 18th International and 30th National Chemistry Conference on recent trends in Chemistry (CCUMT)</p> <p>2019 Certificate of Service in one-day seminar of ‘Molecular and Functional Nano-materials’ at Kinnaird College for Women</p> <p>2019 Certification of participation in ‘Kinnaird’s 1st International conference on science, technology and innovation’ conducted by ORIC, Kinnaird college for women, Lahore</p> <p>2019 Certification of participation in ‘Quantitative data analysis’ by</p>

		Quality Enhancement Cell, Kinnaird College for Women
	2019	Certificate of participation in ‘Three days <i>Conference on Nanomaterials: New trends in Development and Applications</i> , Forman Christian College (A Chartered University)
	2019	Certificate of participation in ‘ <i>Introductory STATA</i> ’ by Quality Enhancement Cell, Kinnaird College for Women
	2018	Certification of participation in ‘ <i>Andragogical/Pedagogical Skills</i> ’ at PHEC Staff Development Academy
	2017	Certification of participation, ‘ <i>SPSS-Module I</i> ’ by Quality Enhancement Cell, Kinnaird College for Women
	2017	Certification of services, as a Research Scholar in ‘ <i>International Conference on Current Research in Chemical & Pharmaceutical Sciences</i> ’, Forman Christian College (A Chartered University)
	2016	Certification of participation, ‘ <i>Statistical package for social sciences-Module II</i> ’ Quality Enhancement Cell, Kinnaird College for Women
	2016	Certification of participation in ‘ <i>Teaching methodologies</i> ’ by Quality Enhancement Cell, Kinnaird College for Women
	2016	Certified Active Citizens Trainer by British Council
	2015	Certification of participation, as a Research Scholar in ‘ <i>The international conference on Advancement in Medicinal Chemistry</i> ’. Forman Christian College.
	2015	Certification in writing best essay on ‘Women empowerment’ among 17 branches of Beaconhouse School System, Lahore
	2010	Certification in Analytical instrumental Handling, University of Punjab, Lahore
	2009-2010	Certification in event management, Science club, Kinnaird College for Women
	2010	Scranton scholarship holder on merit based in BS at Kinnaird College for Women

	2007-2010	Certification in dramatics, Kinnaird College for Women
	2005	Trophy holder for attaining maximum certification in academics at Sacred Heart Cathedral High School
	2005	House Leader at Sacred Heart Cathedral High School, Lahore
Workshops/Expo/ Seminars	2025-	Participated in an interactive program “Role of Media in Fifth Generation Warfare: Prevailing Myths vs. Realities and the Story of Pakistan for Academia”. ISPR Hilal Talks- 2025 from 26th May – 31st May 2025 at LGES Auditorium, Lahore.
	2025	Participated in 4th International Chemistry conference at FCCU, 22nd to 24th January 2025
	2024	Participated in Expo, International 3P’s Plastic, Print Packaging 2024 from 5-7 th September 2024 at Expo Centre, Lahore
	2024	Participated in workshop on ‘The role of the arts and sciences in preparing women for entrepreneurship and financial security’ at KC on 6 th June 2024
	2024	Participated in capacity building workshop on 6 th June 2024, KCW
	2024	Participated in outcome education on 17th August 2024
	2023	Hands-on training session as <i>Resource person</i> on “Organizing References and Citations with Mendeley Software” at Kinnaird College for Women, Lahore, on 22 nd November 2023.
	2023	Certification of service and participation in Two days Workshop on “Computational Tools for Drug Design & Discovery” at Forman Christian College (A Chartered University), Lahore on 17 th to 18 th October, 2023.
	2023	As <i>Resource person</i> in the workshop ‘Effective lab management for Kinnaird Laboratory Staff held at Kinnaird College on 20 th June 2023.
	2023	Participated as moderator for technical Session in Kinnaird’s 2nd international conference on science, Technology and innovation organized on 9th march 2023.

	2023	Attended the ‘Chemistry Lab safety’ workshop at FCCU on 13th March 2023.
	2022	Organized and participated in Seminar on ‘ <i>Applications and Optimization of reaction parameters for the synthesis of Nanomaterials</i> ’
	2021	Organized and participated in hands-on training workshop on ACD/ChemSketch Software at Kinnaird College for Women.
	2021	Participated in workshop on “Perfect instructional video” By Mr. Dann Hurlbert organized by Centre for learning and teaching FC College, A Chartered University.
	2021	Workshop on Teaching methodologies by Dr. C. J. Dubash, organized by QEC, Kinnaird College
	2021	Certificate of participation in workshop ‘Quality Assurance parameter for Effective Teaching organised by QEC, KC, Lahore
	2019	Certificate of participation in workshop ‘Self-assessment process in HEIs, organized by QEC, KC, Lahore.
	2019	Certification of participation in workshop on ‘Synthesis & Applications of Polyurethane (PU) Hydrogels’ by Department of Chemistry & Centre of Learning & Teaching (CLT), Forman Christian College (A Chartered University)
	2018	Certificate of appreciation as ‘ <i>Organiser in hands-on training workshop ACD/ Chems sketch Software</i> ’ in collaboration with ORIC at Kinnaird College for Women
	2018	Teachers training workshop under ‘ <i>Continous professional development program</i> ’ by Quality Enhancement Cell, Kinnaird College for Women
	2017	Certification of participation in ‘ <i>Workshop on Safety and security of chemicals</i> ’, Forman Christian College (A Chartered University)

	<p>2017 Certification of participation in '<i>Teachers workshop ethics</i>' by Quality Enhancement Cell, Kinnaird College for Women</p> <p>2016 Five days training workshop on Data Analytical Model building & project development at UVAS with the collaboration of HEC & Government of Pakistan.</p> <p>2014 Certification of participation in three days workshop on Computational Chemistry, FCCU</p>
Memberships	<ul style="list-style-type: none"> • Team member for preparation of SARS, Chemistry department, Kinnaird College for Women, Lahore • Member of Kinnaird's 'Association Students Scholarship Committee' • Member of Kinnaird's 'Student Elective Committee' • Member of Kinnaird's 'Cafeteria Monitoring Committee'
Service Activity	<ul style="list-style-type: none"> • Assistant Director of Student Affairs KCW • Certified Active citizenship programme facilitator by British Council • Teaching F.Sc and BS (Hons) Theory and Lab classes • Supervising Research Projects • Mentoring students in the available slots • Conducting Lab demonstrations • Maintenance of BS Chem lab in Chemistry Department • Worked as Assistant Director in Annual Christmas Play since 2016-2025
Brief Statement of Research Interest	<ul style="list-style-type: none"> • Analysis of heavy metals • Synthesis and characterization of metal complexes • Extraction of phytochemicals • Determination of TPC, TFC and anti-oxidant activity
Publications	<p>2025 Amna Yousaf, Anum Hayat, Urooj Fatima, Laiba Naseem, Zukhruf Usma, Rahila Huma, Rubina Munir. Comparative Assessment of Nicotine Content, Toxicity Level and IC50 Values in Nicotine Products: Public Health Implications,</p>

	<p>Journal of Toxicology, 2025</p> <p>2024 Faryal Chaudhry, Shawana Abdullah, Mehr un-Nisa, Anum Hayat, Hafiz Adnan Ahmad, Samina Aslam, Muhammad Ashraf, Munawar Ali Munawar, Synthesis, in vitro α-Glucosidase Inhibition, DFT Calculations, and Molecular Docking Studies of Some New Substituted 2,5-Bis(pyrazolyl)-1,3,4-oxadiazoles. ChemistrySelect. 2024.</p> <p>2023 Amna Yousaf, Muhammad Salman, Anum Hayat, Maryam Razzaq, Fatima Saleem, Mobilization and scavenging of Ni⁺² and Cd⁺² from synthetic binary metal ions mixture to study the influence of co-cation on biosorption, Green Chemistry Letters and reviews. 2023.</p> <p>2022 Hayat, A., Iqbal, M. S., Ahmad, N., Alruwaili, N. K., & Rehman, A. U. (2022). Fe(III)-Rhamnoxylan—A Novel High Spin Fe(III) Octahedral Complex Having Versatile Physical and Biological Properties. Polymers, 14(20), 4290. https://doi.org/10.3390/polym14204290</p> <p>2019 Huma, R., Mahmud, T., Mittu, L., Mahmud, A., Iqbal, A., Iftikhar, K., and Hayat, A., “ Synthesis, Characterisation, Molecular Docking and enzyme inhibition studies of some novel enanimone derivatives and their complexes with Cu (II), Cd(II) and Co(II) Ions. <i>revista de chimi.</i></p> <p>2019 Islam, Z.T., Roohi, A., Munir, R.*, Huma, R. and Hayat, A. “Synthesis and Antibacterial Screening of Toluidine-Based Anils against <i>Eschericia coli</i> and <i>Staphylococcus aureus</i>”. <i>Proceeding Emerging Scientist</i></p>
Other Research or Creative Accomplishments	<ul style="list-style-type: none"> Collection and Compilation of detailed BS course content of Chemistry department, Forman Christian College, A Chartered University, Lahore Completed research work and thesis on the topic of “Comparative analysis of Vitamin C in fresh, frozen and boiled vegetables by HPLC

	<p>in BS (Hons)</p> <ul style="list-style-type: none"> • Completed M.Phil research entitled “Mechanochemical synthesis and characterization of transition metal complexes with dimethyl glyoxime • Command on ChemSketch, Mendeley and Origin software
Selected Professional Presentations	<ul style="list-style-type: none"> • Participated & Represented Pakistan, in an International course “3rd Women’s Leadership in Asia: Shaping Our Future” from August 19 to August 30, 2024 hosted by Ewha Woman’s University, Korea • Presented PhD Thesis Defense successfully, FCCU 2023. • As <i>Key note</i> Speaker in ‘Effective lab management for Kinnaird Laboratory Staff, 2023. • As <i>Key note</i> Speaker “Organizing References and Citations with Mendeley Software’ at Kinnaird College for Women, Lahore, 2023.