

Resume

Name	Dr. Rahila Huma E-mail: rahila.huma@kinnaird.edu.pk
Academic Profile	<p>Ph.D (Chemistry) 2019 Institute of Chemistry, University of the Punjab, Lahore</p> <p>M.Phil (Chemistry) 2004 Institute of Chemistry, University of the Punjab, Lahore</p> <p>M.Sc (Chemistry) 2001 Government College University, Lahore</p> <p>B.Sc (Chemistry, Zoology, Botany) 1999 Queen Marry College, Lahore</p> <p>F.Sc (Pre-Medical) 1996 Queen Marry College, Lahore</p> <p>Matriculation (Sciences) 1994 P. R St. Andrews High School LHR</p>
Experience	<ul style="list-style-type: none">• Head of Chemistry Department, since November 2009 at Kinnaird College for Women, 93 Jail Rd Lahore• Dean Of Mathematical and Physical Sciences, Since January 2025 at Kinnaird College for Women, 93 Jail Rd Lahore• Associate Professor of Chemistry since January 2024 at Kinnaird College for Women, 93 Jail Rd Lahore• Assistant Professor of Chemistry since January 2014 at Kinnaird College for Women, 93 Jail Rd Lahore

	<ul style="list-style-type: none"> • Lecturer of Chemistry since September 2005 at Kinnaird College for Women, 93 Jail Rd Lahore • Worked as Student Demonstrator from August 1, 2004, to March 31, 2005, at Institute of Chemistry, University of the Punjab, Lahore
Publications	<ol style="list-style-type: none"> 1. Yousaf,A., Hayat,A., Fatima,U., Laiba,L., Usma,Z., Huma,R., Munir,R., (2025). “Comparative Assessment of Nicotine Content, Toxicity Level, and IC50 Values in Nicotine Products: Public Health Implications”. <i>Journal of Toxicology</i>,(1),7272677. https://onlinelibrary.wiley.com/doi/10.1155/jt/7271677 2. Inam,H., Durrani, A.I., Huma,R., Hussain,F., (2025). “Leaves extracts-driven synthesis of ZnO nanoparticles for enhanced adsorption of methyl red dye”. <i>Chemical Papers</i>. (online) https://link.springer.com/article/10.1007/s11696-025-04163-9 3. Khalid, Z., Ahmad, H.A., Munawar, M. A., Huma, R., Afshan, N., Shafqat, S.S., (2025). “Recent Advancement in the Conversion of 1, 2, 3-Benzotriazin- 4 (3H)-one to other Heterocyclic Systems and their Applications”. <i>Chemistry Select</i>, 10. https://doi.org/10.1002/slct.202404532 4. Zaib,S., Munir, R., Khan, I., Javid, N., Huma,R., Mustafa,U.,Rana, N., McAdam, C.J., Shiuan Yeow, C.H.,White,J.M., Hokelek,T., AAlotaibi, K.M.Alshalwi,M., Frontera, A., (2024). “Supramolecular networks featuring diverse array of noncovalent interactions in crystals of hydrazinylidene-benzothiazinediones: X-ray crystallographic, DFT and biochemical analysis”. <i>Journal of Molecular Structures</i>, 1306,137846. https://doi.org/10.1016/j.molstruc.2024.137840 5. Khalid, Z., Shafqat, S.S., Ahmad, H.A., Munawar, M.A., Mutahir, S. Elkholi, S.M., Shafqat, S.R., Huma, R., Asiri, A.M., (2023). “A Combined Experimental and Computational Study of Novel Benzotriazinone Carboxamides as Alpha-Glucosidase Inhibitors”. <i>Molecules</i>, 28, 6623. https://doi.org/10.3390/molecules28186623 6. Chaudhry, F., Munir, R., Ashraf, M., Nisa, M., Huma, R., Malik, N., Hussain, S., Munawar, M. A. & Khan, M. A. (2023), “Exploring facile synthesis and cholinesterase inhibiting potential of heteroaryl substituted

	<p>imidazole derivatives for the treatment of Alzheimer's disease". <i>Arabian Journal of Chemistry</i>, 16(1), 104384 https://doi.org/10.1016/j.arabjc.2022.104384</p> <p>7. Khaleeq, A., Ahmed, M., Huma, R., Mujtaba, A., Noor, S., Rehman, R., Sheikh, T.A., Qamar, S., Iqbal, D.N., Alharthy, R.D., Hameed, A. (2022) "Evaluation of trace and heavy metals in different varieties of sauces to characterize their impact on human health" <i>Journal of Food Composition and Analysis</i> 114, 104789</p> <p>8. Huma, R., Mahmud, T., Awan S. J., Ashraf, M., Khan, S. U., Rasheed, H., Hasany, S. M. & Yousaf, A. (2022) "Thermal and spectroscopic studies of some metal complexes with a new enaminone ligand 3-chloro-4-((4-methoxyphenyl)amino)pent-3-en-2-one and their investigation as anti-urease and cytotoxic potential drugs" <i>Arabian Journal of Chemistry</i> 15(3), 103640</p> <p>9. Munir, R., Javid, N., Rehman, M.Z., Zaheer, M., Huma, R., Roohi, A. & Athar, M. M. (2021). "Synthesis of Novel N-Acylhydrazones and their C-N/N-N Bond Conformational Characterization by NMR Spectroscopy" <i>Molecules</i>, 26, 4908.</p> <p>10. Chaudhry F, Naureen S, Aslam M, Al-Rashida M, Rahman J, Huma R, Fatima J, Khan M, Munawar MA, Ain Khan M. (2020) "Identification of Imidazolylpyrazole Ligands as Potent Urease Inhibitors: Synthesis, Antiurease Activity and In Silico Docking Studies". <i>Chemistry Select</i>; 5(38):11817-21.</p> <p>11. Hasany S. M, Huma R, Akram S, Ashraf R, Mushtaq M, (2020) "Maceration Mediated Liquid-Liquid Extraction and Reverse-Phase High Performance Liquid Chromatography based Pragmatic Analysis of Silybins", <i>Journal of Chromatographic Science</i>, 58(8):770-787</p> <p>12. Huma R, Mahmud T, Idrees N, Jawwad Saif M, Munir R, Akbar N, (2019) "Crystal structure and Quantum chemical studies of a novel push-pull enaminone: 3-Chloro-4-((4-bromophenyl) amino) pent-3-en-2-one". <i>Journal of Chemical Crystallography</i> 50, 187-197.</p> <p>13. Huma R, Mahmud T, Mitu L, Ashraf M, Iqbal A, Iftikhar, K, Hayat A, (2019), Synthesis, Characterization, molecular docking and enzyme inhibition studies of some novel Enaminone derivatives and their</p>
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complexes with Cu (II), Cd (II) and Co (II) ions. *Revista De Chimie*. 70, 3564-3569.

14. **Huma R**, Mahmud T, Munir R, Javaid S, Iftikhar K and Mufakkira-Tul-Islam, (2019). "Cytotoxicity and Molecular Docking Studies of a Novel Enaminone and its Cadmium (II) Complex". *Pakistan Journal of Zoology*. 51(1), 399-799.
15. Naseem K, **Huma R**, Shahbaz A, Jamal J, Rehman MZU, Sharif A, (2019). "Extraction of Heavy Metals from Aqueous Medium by Husk Biomass: Adsorption Isotherm, Kinetic and Thermodynamic study". *Zeitschrift für Physikalische Chemie*, 233 (2), 201-223
16. Naseem K, Zahoor H. Farooqi, Muhammad Z. Ur Rehman, Muhammad A. Ur Rehman, Begum R, **Huma R**, Shahbaz A, Najeeb J, Irfan A, (2018). "A systematic study for removal of heavy metals from aqueous medium using *Sorghum bicolor*: an efficient biosorbent". *Water science and technology*, 77 (10): 2355-2368.
17. Chaudhry F, Naureen S , Choudhry S , **Huma R**, Ashraf M, Al-Rashida M, Jahan B, Hyder Khan, M , Iqbal F , Munawar M.A, Khan M.A , (2018). "Evaluation of α -glucosidase inhibiting potentials with docking calculations of synthesized arylidene-pyrazolones". *Bioorganic Chemistry*, 77, 507-514.
18. Chaudhry, F, Naureen, S, **Huma, R**, Shaukat A, Al-Rashida M , Asif N, Ashraf M, Munawar M.A, Khan M.A, (2017). "In Search of New α -Glucosidase Inhibitors: Imidazolyl pyrazole Derivatives". *Bioorganic Chemistry*, 71, 102-109.
19. Chaudhry F, Choudhry S, **Huma R**, Ashraf M, Al-Rashida, M, Munir , Sohail R, Jahan B, Munawar MA , Khan MA, (2017). "Hetarylcoumarins: synthesis and biological evaluation as potent α -glucosidase inhibitors". *Bioorganic Chemistry*, 73, 1-9.
20. Naseem K, Ur Rehman M, **Huma R**, (2017). "Review on vinyl acetic acid-based polymer microgels for biomedical and other applications". *International Journal of Polymeric Materials and Polymeric Biomaterials*, 67(5), 322-332.

	<p>21. Ahmed M, Khaleeq A, Munir R, Huma R, Muddassar M. and Naseem S, (2017). “Determination of macronutrients, micronutrients, non-essential elements in milk based-infant formulas by atomic absorption and inductively coupled plasma-optical emission spectroscopy after microwave and ultrasound assisted digestion”. <i>Spectroscopy Letters</i>, 50 (2), 88-95.</p> <p>22. Ahmed M, Khaleeq A, Huma R, Munir S, (2017). “Atomic Absorption and Inductively Coupled Plasma–Optical Emission Spectroscopic Method for Determination of Micronutrients and Toxic Metals in <i>Curcuma Longa</i> L. to Characterize Human Health Toxicity”. <i>Spectroscopy Letters</i>, 50 (8), 432-439.</p> <p>23. Ahmed M, Imtiaz Shafiq M, Khaleeq A, Huma R, Abdul Qadir M, Khalid A, Ali, A and Samad A (2016). “Physiochemical biochemical, mineral content analyses and antioxidant potential of national and international honeys in Pakistan”, <i>Journal of Chemistry</i>.1-10.</p> <p>24. Ahmed M, Khaleeq A, Munir R, Huma R, Muddassar M, Naseem S, (2016). “Optimization and validation procedure for elemental composition of fresh and pasteurized milk in Pakistan employing microwave digestion followed by ICP-OES colon to risk assessment”, <i>Food Analytical Methods</i>, 9 (10), 2933-2942.</p> <p>25. Shahid S, Iqbal J, Huma R, (2006), Synthesis, Characterization and biological activity of some derivatives of Triacetic lactone and their metal complexes, <i>JNSMAC</i>, 45,1-14.</p>
	<ul style="list-style-type: none"> • Participated in the ISPR Hilal Talks from May 26 to 31, 2025 at inter Services Public relations directorate, Lilal road, Rawalpindi. • Attended 5 webinars of “Professional Development Series Leveling the Playing Field in Higher Education: Systemic Strategies for Inclusive Excellence” held from April 7 to 16, 2025, organized by Center for Learning and Teaching (CLT) Forman Christian College. • Attended the 5th International Conference of PNQAHE & Annual General Meeting (AGM) “Stakeholders Engagement in Quality Assurance – Shaping Higher Education with Inputs from all Relevant

<p>Seminars/ Conferences/ Workshops:</p>	<p>Voice” on April 14 to 16, 2025, at Forman Christian College.</p> <ul style="list-style-type: none"> • Participated in the workshop on “Engaging Stakeholders of Success: Designing Generative AI Strategic in Academic Institutions”, by Ms. Emilia Todorova conducted from April 14 , 2025 at Forman Christian College. • Attended an international webinar titled “Women Leadership in Higher Education: Empowering Change and Advancing Global Excellence” organized by the LCWU and UET (8th March 2025). • Attended “1st international virtual conference for young researchers on applied chemical and biological sciences” arranged by Government College University Faisalabad (GCUF) from 25-26th February 2025. • Attended and worked as a jury of Scipreneur Nexus Competition in KC SciFest-I'25 held on January 21, 2025, organized under Science Club, Kinnaird College for women, Lahore. • Attended the two days international symposium entitled “Food and Water Linking the Future Navigating the Climate Crisis” on 11th-12th December 2024, organized by Department of Botany at Baba Guru Nanak University (BGNU), Nankana Sahib. • Participated in “3rd International conference on trends and research in chemistry (TRIC 2024)” on November 6-7, 2024, held at Department of chemistry university of education, Lahore. • Attended a full-day Training Session on “Outcomes Based Education (OBE)” organized by the OQAIE (Office of Quality Assurance & Institutional Effectiveness) at Kinnaird College for Women, Lahore. Resource Person: Dr. Naveed Ahmad, Dated: August 17, 2024. • Attended a capacity building workshop under "Fulbright Specialist Project for Kinnaird College for Women" by USEFP regarding Faculty Development Plan on 22nd May 2024 at Kinnaird College for Women, Lahore. Resource Person: Ms. Shaz Akram.
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	<ul style="list-style-type: none"> • Attended and worked as a jury of Poster competition in a panel talk entitled ‘Botanical and Environmental Resilience Through International Relations in Achieving SDGs’, on 29th April 2024, arranged by Department of Botany and Department of IR in collaboration with ORIC. • Attended and chaired session in the one-day symposium on “Recent Trends in Industrial Chemistry and Optics”, on 8th March 2024, organized by School of Physical Sciences, University of the Punjab. • Participated in “Awareness and training workshop on sound management of Chemicals and Hazardous Waste” held on 1st September 2023 at PC Hotle Lahore. • Participated in “2nd International conference on trends and research in chemistry (TRIC 2023)” on May 16-18, 2023, held at Department of Chemistry University of education, Lahore. • Participated in “2nd International Conference of Science, Technology and Innovation,” at Kinnaird College for Women Lahore, 8th-10th March, 2023. • Attended one day workshop on “Patent drafting and filing procedure” on 25th Feb 2023 arranged by Institute of Human skill development. • Attended a Webinar on “Recent Advances in Nuclear Magnetic Resonance Spectroscopy” Jointly organized by COMSTECH and NAPRECA, 20th February 2023. • Attended online Seminar on “Enabling a perfect research ecosystem with Science Direct” at Higher Education Commission Pakistan, 28th November 2022. • Attended one-day International Conference on "Ionic Liquids for Sustainable Future" by the Centre for Research in Ionic Liquids (CRIL), School of Chemistry, University of the Punjab, Lahore Pakistan, Dated: 10th March 2022. • Participated in “19th International and 31st National Chemistry Conference on Emerging Trends in Chemistry-CCUMT-2021” at Department of Chemistry, University of Management and Technology,
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	<p>Lahore, 16-18th December 2021.</p> <ul style="list-style-type: none"> • Attended online Seminar on “Virtual Organic & Medicinal Chemistry Symposium 2021”, Lahore University of Management Sciences Pakistan, 16th December 2021. • Attended online Seminar on “Virtual Drug Discovery Symposium 2021”, Lahore University of Management Sciences Pakistan, 1st November 2021. • Attended online Seminar on “Recent Developments in Drug Discovery and Medicinal Chemistry”, COMSTECH, Pakistan, 26th and 27th July, 2021. • Attended “2nd international conference on Nanoscience and Nanotechnology”, Lahore University of Management Sciences Pakistan, 1st-2nd November 2019. • Participated in Bio symposium of “Advanced NMR Techniques in Structural biology and Chemistry”, Lahore University of Management Sciences Pakistan, 30th April 2019. • Participated in Workshop of “Innovative Aspects of Nanotechnology an Interactive Session”, Kinnaird College for Women, Lahore Pakistan, 2nd April 2019. • Participated in Three Days Kinnaird’s 1st International Conference of Science, Technology and Innovation, 2nd-4th April 2019. • Participated in Workshop of “Toxicology Screenings in the Process of New Drug Development”, Kinnaird College for Women, Lahore Pakistan, 4th April 2019. • Attended Seminar on “Technologies for Mineral based Chemicals and Materials”, University of the Punjab Lahore. • Attended a Workshop on “Time and Stress Management” at Kinnaird College for Women Lahore, 2014.
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<p>Workshops/ Talks Conducted or Organized</p>	<ul style="list-style-type: none"> • Organized a seminar entitled “Iridium-Catalyzed Aromatic C-H Activation/Borylation” on 18th February 2025 at Kinnaird’s “3rd International Conference on Science, Technology and Innovation”. • Organized a seminar entitled “Smog, An Environmental Threat” on 14th November 2024 at Kinnaird college for women Lahore. • Organized a seminar entitled “Navigating the professional roadmap” on 7th May 2024 at Kinnaird college for women Lahore. • Organized a hands-on-training workshop entitled “Organizing references and citations with Mendeley software” on 22nd Nov 2023, at Kinnaird college for women Lahore. • Organized a training “Effective Lab management for Kinnaird College Laboratory staff” as a member of Lab Management Committee at Kinnaird college for women Lahore on 20th June 2023. • Organized and attended a workshop on “Ionic Liquids as Designer Green Solvents and their Widespread Applications” at Kinnaird College for Women Lahore, 9th March 2023. • Organized and attended “A hands-on training on Basics of Computational Chemistry” at Kinnaird College for Women Lahore, 12th November 2022. • Organized and attended a seminar on ‘Applications and Optimization of reaction parameters for the synthesis of nanomaterials’ at Kinnaird College for Women Lahore, 30th May 2022 • Organized “Hands-on Training Workshop on ACD/Chemsketch Software” at Kinnaird College for Women Lahore, 20st November 2021. • Organized Seminar on “Molecular and Functional Nanomaterials”, Kinnaird College for Women, Lahore Pakistan, 30th November 2019. • Organized “Hands-on Training Workshop on ACD/Chemsketch Software” at Kinnaird College for Women Lahore, 24th November 2018.
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<p>Certifications and Professional Courses</p>	<ul style="list-style-type: none"> • Completed an online Course “Leadership skills” authorized by IIMA and offered by Coursera (7-week Course completed on 19th June, 2025) • Completed an online Course “Generative AI: Introduction and Applications” authorized by IBM and offered by Coursera (4-week Course completed on 13th June 2025) • Completed an online Course “Introduction to the Science of Success: What Researchers know that you Should Know” authorized by University of Michigan and offered by Coursera (7-week Course completed on 13th June 2025) • Completed an online Course “Professional Development: Improve yourself, always” authorized by Macquarie University and offered by Coursera (6-week Course completed on 13th April, 2025) • Completed the online course “5 ways to Build a better LinkedIn Profile” authorized by Coursera Project Network and offered by Coursera (Course completed on 14th January 2024) • Completed the online course “AI for everyone” authorized by deep learning AI and offered by Coursera (Course completed on 12th February,2024) • Completed the online course “Speak English Professionally: In person, Online and on phone” authorized by Georgia Institute of Technology offered by Coursera (Course completed on 12th February,2024)
	<p style="text-align: center;">Poster Presentations</p> <ul style="list-style-type: none"> • Khalid, R., Fatima, L., Chaudhry, F., Huma, R., Munir, R., Roohi, A., 2025. “Synthesis and <i>In Silico</i> Pharmacokinetic Profiling of 4-(Furan-2-ylmethylene)-pyrazolones” presented in 4th International Conference on Chemical & Pharmaceutical Sciences: Innovation to Commercialization, at Department of Chemistry, Forman Christian College (A Chartered University), Lahore. • Ishaq, A., Waseem, A., Khaleeq, A., Huma, R., 2025. Comprehensive Qualitative and Quantitative Assessment of Aspartame in Popular Refreshing Beverages. Presented in 3rd International Conference of

<p>Professional Presentations</p>	<p>Science, Technology and Innovation, at Kinnaird College for Women, Lahore</p> <ul style="list-style-type: none"> • Khaleeq, A., Huma,R., Rashid,H., Sardar,A., 2024. “Phytochemical screening and antioxidant activity of <i>Cucumis Sativus</i> seeds extracts.” Poster presented in “3rd International conference on trends and research in chemistry (TRIC 2024)” on November 6-7, 2024, held at Department of Chemistry University of education, Lahore. • Shahid, N., Munir, R., Huma, R., Roohi, A., 2023. “Synthesis and Isolation of a Novel Aldehyde containing 6-Methoxy-1H-pyrazolo[3,4-b]quinoline Moiety” presented in 21st International, 1st Inter-Islamic,& amp; 33rd National Chemistry Conference on Chemical Sciences: Technology, Innovation and Sustainability (CHEMCON2023) at Quaid-i-Azam University Islamabad, Pakistan. (23 – 25th October,2023). • Khaleeq, A., Huma,R., Ateeq,L., Ishaq,A., Waseem, A., 2023. “Heavy Metal contamination and mineral assessment of commonly consumed cakes in Pakistan by FAAS”.Poster presented in “2nd International conference on trends and research in chemistry (TRIC 2023)” on May 16-18, 2023, held at Department of chemistry university of education, Lahore. • Dar, S., Iftikhar, R., Chaudhary, F., Huma, R., 2021. “Preliminary assessment of selected heavy metal residues in different types of cheese consumed in Lahore”. Poster presented in “19th International and 31st National Chemistry Conference on Emerging Trends in Chemistry-CCUMT-2021” at Department of Chemistry, University of Management and Technology, Lahore • Munim, A., Munir, R., Huma, R., Roohi, A., Saeed, S., M., 2019. “Study on Variation of Reaction Time and Reactant Concentration on Refractive Index of Synthesized Resols”. Poster presented in Conference Emerging Scientist 2019. • Islam, Z. T., Roohi, A., Munir, R., Huma, R., Hayat, A., 2019. “Synthesis and Antibacterial Screening of Toluidine-Based Anils against Eschericia coli and Staphylococcus aureus”. Poster presented in Conference Emerging Scientist 2019.
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- Chaudhry, F., **Huma, R.**, Ghani, A., Munawar, M.A., **2019**, “Modification on the pyrazolic core to synthesize novel diazolic conjugates with antioxidant activity.”Poster presentation in 30th National &18th International Chemistry Conference on Recent Trends in Chemistry-CCUMT-2019, at Department of Chemistry, University of Management and Technology, Lahore, Pakistan

Paper Presentations

- Faisal, A., Shahzad, M., Khaleeq, A., **Huma, R.**, **2025**. “Determination of Antioxidant Activity, Flavonoids and Phenolic Content in Seeds of Syzygium Cucumini”. Oral Presentation in 3rd International Conference of Science, Technology and Innovation, at Kinnaird College for Women, Lahore
- Imran, F., Nadeem, M., Liaqat, A., **Huma, R.**, **2023**. “Physico-chemical analysis of spring water from some selected areas of Neelam valley Azad Kashmir.” Oral Presentation in 2nd International Conference of Science, Technology and Innovation, at Kinnaird College for Women, Lahore.
- Munir, R., **Huma, R.**, Sheikh, A.A., Javid, N., Roohi, A., **2019**. “Assay of Pesticide Residues on the Surface of Selected Fruits and Vegetables Collected from Lahore, Pakistan”. Paper presented in Conference Emerging Scientist
- Munir, R., Tariq, N., Javid, N., Roohi, A., **Huma, R.**, Hayat, A., **2019**. “Synthesis and Antibacterial Activity of Anisidyl Azomethines”. Proceeding Emerging Scientist.
- Chaudhry, F., **Huma, R.**, Nisa, Z., Khan, M., Fatima, J., **2019**. “Estimation of Selected Heavy Metals in Different Yogurt Samples Collected from Lahore”. Oral Presentation in 1st International Conference of Science, Technology and Innovation, at Kinnaird College For Women, Lahore, 2nd -4th April 2019.
- **Huma, R.**, Chaudhry, F, Malik, F, Ahmed, J.,**2019** “Iron Evaluation in Fortified and Whole Wheat Flour Collected from Different Areas of Punjab” Oral Presentation in 1st International Conference of Science, Technology and Innovation, at Kinnaird College For Women, Lahore.

	<ul style="list-style-type: none"> • Khaleeq, A, Huma, R, Hasany, S.M., Saleem, I.,2019 “Estimation of Radical Scavenging Potential, Metallic Content And Screening Of TPC And TfC of Nigella sativa And Chichorium Intybus Seed Extracts” Oral Presentation in 1st International Conference of Science, Technology and Innovation, at Kinnaird College for Women, Lahore. • Fatima, S., Hayat, A., Huma, R., Khaleeq A., 2019. “Quantitative and Qualitative Determination of Phytochemicals in Selected Citrus Peels from Different Areas” Oral Presentation in Three Days Kinnaird’s 1st International Conference of Science, Technology, and Innovation.
Key Achievements	<ul style="list-style-type: none"> • Recognized as HEC approved PhD supervisor since January 2023. • Member of Asian Council of Science Editors. • Serving as external examiner for the thesis defense of BS and MS students at school of Chemistry university of Punjab Lahore and Department of Chemistry UET, Lahore. • Approved External Reviewer of PhD Thesis at School of Chemistry, University of Punjab, Lahore. • Serving as a reviewer in various scientific journals. • Served as Advisor for interviews (for the post of lecturer chemistry male and female, BS-17) at PPSC Lahore. (10-11 December 2020). • Served as Advisor for written paper (MCQ) at PPSC Lahore. (2019-2020).
Research Collaborations	<p>1. Dr Arjumand Iqbal Durrani Associate Professor Department of Chemistry University of engineering and Technology, Lahore E-Mail Address: arjumand@uet.edu.pk</p> <p>2. Dr Asma Sheikh Senior Scientific Officer Food and Biotechnology Research Center Pakistan Council of Scientific and Industrial Research Labs Complex, Lahore E-Mail Address: asmasheikh963@gmail.com</p>

	<p>3. Dr Rizwana Zahoor Principal Scientist Cyclotron and Allied Radio pharmaceuticals division, INMOL Hospital, Lahore E-Mail Address: rizwanazahoor@inmolaech.gov.pk</p>
<p>Service Activity in various committees at Kinnaird College for Women Lahore</p>	<p>Member of</p> <ul style="list-style-type: none"> • Lab management committee • Cafeteria Committee (Chair) • Assessment team (AT) of Chemistry Department SAR • (Internal) committee to review SAR of Geography Department. • Convocation Committee (seating plan for chief guest and VIPs) • Science staff room Committee • Board of studies of Department of Chemistry • Curriculum Development and Revision Committee • Purchase Committee (Glassware Chemicals and instruments of Chemistry Department) • Admission committee on kin ship basis (Chair) • Member Academic Evaluation Committee for Intermediate
<p>Brief Statement of Research Interest</p>	<ul style="list-style-type: none"> • Analysis of Food Materials. • Synthesis & Characterization of organic compounds and metal complexes. • Assessment of Heavy Metals. • Water and Environment.
<p>Research Students Supervised</p>	<ul style="list-style-type: none"> • 30 BS Chemistry Students • 2 M Phil Chemistry Students (Co-Supervised)