

**DR. FARYAL CHAUDHRY**

Assistant Professor

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<b>Academic Qualification</b>	<ul style="list-style-type: none"> <li>• M.Phil Leading to Ph.D (Chemistry) University of the Punjab, Lahore-Pakistan 2015</li> <li>• M.Sc (Chemistry) University of the Punjab, Lahore-Pakistan 2006</li> <li>• B.Sc (Chem, Bot, Zoo) Lahore College for Women University, Lahore-Pakistan 2004</li> <li>• F.Sc (Pre-Medical) Queen Mary College, Lahore-Pakistan 2002</li> <li>• Matriculation (Science) CGHS, Aitchison College, Lahore-Pakistan 2000</li> </ul> <p><i>*1<sup>st</sup> Division throughout the educational career</i></p>
<b>Professional Qualification</b>	<ul style="list-style-type: none"> <li>• B.Ed (Science Group) 1<sup>st</sup> Division Allama Iqbal Open University, Islamabad-Pakistan 2016</li> </ul>
<b>Academic Positions</b>	<ul style="list-style-type: none"> <li>• Assistant Professor (K-19), Department of Chemistry, Kinnaird College for Women, Lahore-Pakistan (Aug, 2017 to date)</li> <li>• Assistant Professor (Adhoc; K-19), Department of Chemistry, Kinnaird College for Women, Lahore-Pakistan (Feb, 2017-June, 2017)</li> <li>• Assistant Professor (IPFP-HEC), Department of Chemistry, Kinnaird College for Women, Lahore-Pakistan (Feb, 2016-Feb, 2017)</li> </ul>
<b>Research Experience</b>	<ul style="list-style-type: none"> <li>• H-Index: 12, i10-Index: 17 (on 20<sup>th</sup> Jun, 2025); Scopus Author ID: <a href="#">37103431700</a></li> <li>• Research experience of five years (2009-2014) as a PhD scholar in the Institute of Chemistry, University of the Punjab, Lahore-Pakistan through HEC-Indigenous PhD Fellowship</li> <li>• Worked as a research fellow in the School of Chemistry, Cardiff University, Wales, U.K. (Aug, 2011-Jan, 2012) through HEC-IRSIP Fellowship</li> </ul>
<b>Awards and Achievements</b>	<ul style="list-style-type: none"> <li>• <b>Poster Presentation (2<sup>nd</sup> Prize Winner)</b> on “Chalcone-based chemosensor (<i>CProbe</i>): An ultrasensitive colorimetric probe for the selective detection of metal ions in aqueous solution” Syeda Sur-E-Adan, Maryam Nasir, Noor Awan, <b>Faryal Chaudhry*</b> in Kinnaird’s “3<sup>rd</sup> Business Plan &amp; Innovative Idea Competition” organized by the ORIC at Kinnaird College for Women, Lahore on 19<sup>th</sup> Feb, 2025.</li> <li>• Recognition as an “Exemplary Leader and Mentor” for the support and guidance in the English and Science Quiz organized by the Human Resource Competition Association (HRCA), Lahore, Dec 2024. Students won two gold medals, two silver medals, one bronze medal in Science Quiz and one gold and 1 bronze medal in English Quiz.</li> <li>• Recognition as “Best Mentor of the Year” for the support and guidance in the Science Contest organized by the HRCA, Lahore, Jan 2024. Six intermediate students have participated in this competition and won two gold medals, two silver medals, and two giveaways.</li> <li>• Recognition as “HEC Approved PhD Supervisor in the discipline of Physical Sciences”, Dated: 17<sup>th</sup> Feb, 2023.</li> <li>• <b>Poster Presentation (2<sup>nd</sup> Prize Winner)</b> on “One-pot synthesis and <i>in-silico</i> ADME/TOX analysis of novel imidazole derivatives” by Khadija Ahmad and <b>Faryal Chaudhry*</b> in Three Days Kinnaird’s 2<sup>nd</sup> International Conference on Science, Technology and Innovation, 8<sup>th</sup> to 10<sup>th</sup> March, 2023.</li> </ul>

	<ul style="list-style-type: none"> <li>Honorary award by the Kinnaird College for Women, Lahore on the completion of HEC-SRGP-955 Project in three days Kinnaird's 1<sup>st</sup> International Conference of Science, Technology and Innovation, 2<sup>nd</sup>-4<sup>th</sup> April, 2019</li> <li>Honorary award by the Kinnaird College for Women, Lahore on winning of HEC NRPU-7044 Project in three days Kinnaird's 1<sup>st</sup> International Conference of Science, Technology and Innovation, 2<sup>nd</sup>-4<sup>th</sup> April, 2019</li> <li>Government Lecturer of Chemistry (PPSC) 2017 (<i>Not Aailed</i>)</li> <li>International Research Support Initiative Program (<i>IRSIP</i>) Fellowship for six months research project in Cardiff University, Wales, U.K.</li> <li>HEC-Indigenous Ph.D Fellowship availed during studies at the Institute of Chemistry, University of the Punjab, Lahore-Pakistan</li> <li>Roll of Honour in B.Sc from Lahore College for Women University, Lahore, Pakistan</li> <li>Position holder throughout the schooling</li> </ul>
<b>Membership/Administrative Responsibilities/Community Services</b>	<ul style="list-style-type: none"> <li>Editor of "Journal of Natural and Applied Sciences Pakistan", HEC Y-Category approved Science Journal of Kinnaird College for Women (2017 to date)</li> <li>Reviewer of different National and International Peer-Reviewed Journals</li> <li>Member of BS and M.Phil Curriculum Committee of the Department of Chemistry, Kinnaird College for Women (2022 to date)</li> <li>Member of BS Synopsis Evaluation Committee of the Department of Chemistry, Kinnaird College for Women (2016 to date)</li> <li>Evaluator of BS research reports/theses as an internal examiner at Department of Chemistry, Kinnaird College for Women Lahore, Pakistan since 2016</li> <li>Teaching F.Sc and BS theory classes and conducting lab demonstrations</li> <li>Member of Kinnaird College F.Sc Admission Committee O'levels (Aug, 2023 to date)</li> <li>Serving as Advisor Kinnaird Science Club (Aug, 2023 to date)</li> <li>Served as a Kinnaird College Journal Club Coordinator (2022 - 2023)</li> <li>Evaluated BS and MS research reports/theses as an external examiner at Department of Chemistry, Forman Christian College (A Chartered University), Ferozepur Road, Lahore, Pakistan since 2017</li> </ul>
<b>Research Projects</b>	<ul style="list-style-type: none"> <li>HEC funded NRPU research project # 7044/Punjab/NRPU/R&amp;D/HEC/2017 of PKR 1.96 million entitled "Exploitation of diazolic scaffolds for the development of potent enzyme inhibitors" as Principal Investigator (Completed)</li> <li>HEC funded SRGP research project # 21-955/SRGP/R&amp;D/HEC/2016 of Rs. 0.5 million entitled "Synthesis and biological studies of azolic compounds" as Principal Investigator (Completed)</li> </ul>
<b>Research Students</b>	<ul style="list-style-type: none"> <li><b>Research Students Supervised</b> BS Chemistry Students 28</li> <li><b>Research Students Co-Supervised</b> MPhil Chemistry Student 01 (Defense Date: 9<sup>th</sup> January, 2025)</li> <li><b>Research Students Currently Working</b> BS Chemistry Students 04</li> </ul>
<b>Research Collaborations</b>	<ul style="list-style-type: none"> <li>Research collaboration and strategic understanding was first built with Dr. Mehr-un-Nisa, Assistant Professor at the Department of Chemistry, University of Lahore on 17<sup>th</sup> Feb, 2023 for one year. Later, this collaboration was renewed on 2<sup>nd</sup> Sep, 2024 for two more years.</li> </ul>

Research Publications	<ol style="list-style-type: none"> <li>1. Ather, A. Q., Tahir, M. N., Khan, M. A., Mehmood, K. &amp; <b>Chaudhry, F.</b> (2010), "1,3-diphenyl-1H-pyrazole-4-carbaldehyde", <i>Acta Crystallographica Section E. Structure Reports Online</i>, E66, o3170.</li> <li>2. <b>Chaudhry, F.</b>, Tahir, M. N., Khan, M. A., Ather, A. Q. &amp; Asif, N. (2012), "(4Z)-4-[(2E)-1-Hydroxy-3-(3-nitrophenyl)prop-2-en-1-yl-idene]-3-methyl-1-(4-methylphenyl)-1H-pyrazol-5(4H)-one", <i>Acta Crystallographica Section E. Structure Reports Online</i>, E68, o2044.</li> <li>3. Dunford, D. G., <b>Chaudhry, F.</b>, Kariuki, B., Knight, D. W. &amp; Wheeler, R. C., (2012), "On the regiochemistry of Mitsunobu alkylations of hydrazine derivatives", <i>Tetrahedron Letters</i>, 53, 7006-7009.</li> <li>4. <b>Chaudhry, F.</b>, Asif, N., Khan, M. N., Ribeiro, J., Ather, A. Q., Hina, S., Munawar, M. A., Nasrullah, M., Ain, Q. T., Suhail, F. &amp; Khan, M. A. (2013), "Synthesis of pyrazoleacrylic acids and their derivatives" <i>Asian Journal of Chemistry</i>, 25 (14), 7879-7882.</li> <li>5. Asif, N., <b>Chaudhry, F.</b>, Khan, M. N., Cosenza, A. G., Ellis, G. P., Khan, M. A., Munawar, M. A., Iqbal, S. &amp; Aslam, N. (2013), Mass spectrometry of substituted 1H,6H-pyrano[2,3-c]pyrazol-6-ones." <i>Asian Journal of Chemistry</i>; 25 (17), 9639-9642.</li> <li>6. Ather, A. Q., <b>Chaudhry, F.</b>, Khan, M. N., Bueno, E. A. S., Khan, M. A., Aslam, N., Khan, K. M., Athar, M. M., Munawar, M. A., Ashraf, M &amp; Ejaz, S. A. (2013), Synthesis, antibacterial and antioxidant properties of pyrazolylpyridazines." <i>Asian Journal of Chemistry</i>; 25 (14), 7743-7748.</li> <li>7. Nasrullah, M., Khan, M. A., Khan, M. N., Humphrey, M. G., Nasim, F. H., <b>Chaudhry, F.</b>, Abidi, M. G., Farooq, U. &amp; Munawar, M. A. (2013), "Diaryl pyrazole-4-carbaldehyde benzoylhydrazones metal complexes: Synthesis and their antibacterial and antioxidant screening." <i>Asian Journal of Chemistry</i>, 25 (1), 419-423.</li> <li>8. Naureen, S., <b>Chaudhry, F.</b>, Asif, N., Munawar, M. A., Ashraf, M., Nasim, F. H., Arshad, H. &amp; Khan, M. A. (2015), "Discovery of indole-based tetraarylimidazoles as potent inhibitors of urease with low antilipoxygenase activity." <i>European Journal of Medicinal Chemistry</i>, 102, 464-470.</li> <li>9. <b>Chaudhry, F.</b>, Asif, N., Shafqat, S. S., Khan A. A., Munawar, M. A., &amp; Khan, M. A. (2016), "An efficient eco-friendly synthesis of pyrazole acryloyl analogues by amino acid catalysis." <i>Synthetic Communications</i>, 46 (8), 701-709.</li> <li>10. <b>Chaudhry, F.</b>, Kariuki, B. &amp; Knight, D. W. (2016), "A new method for the synthesis of pyrazolidines", <i>Tetrahedron Letters</i>, 57, 2833-2837.</li> <li>11. <b>Chaudhry, F.</b>, Naureen, S., Ijaz, F., Munawar, M. A., &amp; Khan, M. A. (2017), "Amino acid Catalysed Reactions. A facile route to some heteroaryl bispyrazoles." <i>Synthetic Communications</i>, 47 (4), 310-318.</li> <li>12. <b>Chaudhry, F.</b>, Naureen, S., Huma, R., Shaukat, A., Al-Rashida, M., Ashraf, M., Munawar, M. A., &amp; Khan, M. A. (2017), "In search of new <math>\alpha</math>-glucosidase inhibitors: Imidazolylpyrazole derivatives." <i>Bioorganic Chemistry</i>, 71, 102-109.</li> <li>13. <b>Chaudhry, F.</b>, Ather, A. Q., Akhtar, M. J., Shaukat, A., Ashraf, M., Al-Rashida, M., Munawar, M. A., &amp; Khan, M. A. (2017), "Green synthesis, inhibition studies of yeast <math>\alpha</math>-glucosidase and molecular docking of pyrazolylpyridazine amines." <i>Bioorganic Chemistry</i>, 71, 170-180.</li> <li>14. <b>Chaudhry, F.</b>, Choudhry, S.; Huma, R.; Ashraf, M., Al-Rashida, Munir, R.; Sohail, R.; Jahan, B.; M., Munawar, M. A., &amp; Khan, M. A. (2017), "Hetaryl coumarins:</li> </ol>
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	<p>Synthesis and biological evaluation as potent <math>\alpha</math>-glucosidase inhibitors." <i>Bioorganic Chemistry</i>, 73, 1-9.</p> <p>15. Naureen, S., Ijaz, F., Nazeer, A., <b>Chaudhry, F.</b>, Munawar, M. A., &amp; Khan, M. A. (2017), "Facile, eco-friendly, one-pot protocol for the synthesis of indole-imidazole derivatives catalysed by aminoacids." <i>Synthetic Communications</i>, 47 (16), 1478-1484.</p> <p>16. Naureen, S., Ijaz, F., Munawar, M. A., Asif, N., <b>Chaudhry, F.</b>, Ashraf, M. &amp; Khan, M. A. (2017)., "Synthesis of tetrasubstituted imidazoles containing indole and their antiurease and antioxidant activities." <i>Journal of the Chilean Chemical Society</i>, 62 (N°3), 3583-3587.</p> <p>17. Naureen, S., <b>Chaudhry, F.</b>, Munawar, M. A., Ashraf, M., Hamid, S. &amp; Khan, M. A. (2018)., "Biological evaluation of new imidazole derivatives tethered with indole moiety as potent <math>\alpha</math>-glucosidase inhibitors." <i>Bioorganic Chemistry</i>, 76, 365-369.</p> <p>18. <b>Chaudhry, F.</b>, Naureen, S., Choudhry, S., Huma, R., Ashraf, M., Al-Rashida, M., Jahan, B., Khan, M. H., Iqbal, F., Munawar, M. A., &amp; Khan, M. A. (2018), "Evaluation of <math>\alpha</math>-glucosidase inhibiting potentials with docking calculations of synthesized arylidene-pyrazolones." <i>Bioorganic Chemistry</i>, 77, 507-514.</p> <p>19. <b>Chaudhry, F.</b>, Naureen, S., Ashraf, M., Al-Rashida M., Jahan, B., Munawar, M. A., &amp; Khan, M. A. (2019), "Imidazole-pyrazole hybrids: Synthesis, characterization and <i>in-vitro</i> bioevaluation against <math>\alpha</math>-glucosidase enzyme with molecular docking studies" <i>Bioorganic Chemistry</i>, 82, 267-273.</p> <p>20. Naureen, S., <b>Chaudhry, F.</b>, Asif, N., Munawar, M. A., &amp; Khan, M. A. (2019), "Four-component, one-pot synthesis of novel conjugated indole-imidazole derivatives" <i>Iranian Journal of Chemistry and Chemical Engineering</i>, 38, 57-64.</p> <p>21. <b>Chaudhry, F.</b>, Asif, N., Naureen, S., Munawar, M. A., &amp; Khan, M. A. (2019), "On efficient synthesis, X-ray analysis and DPPH radical scavenging activity of pyrazolone-based <i>trans</i>-chalcones" <i>ChemistrySelect</i>, 4, 11098-11102.</p> <p>22. Javid, N., Munir, R., <b>Chaudhry, F.</b>, Imran, A., Zaib, S., Muzaffar, A., &amp; Iqbal, J. (2020), "Exploiting oxadiazole-sulfonamide hybrids as new structural leads to combat diabetic complications via aldose reductase inhibition" <i>Bioorganic Chemistry</i>, 103852.</p> <p>23. <b>Chaudhry, F.</b>, Munawar, M. A., &amp; Khan, M. A. (2020), "Facile synthesis of isoniazid derivatives-1-[2-(3-aryl(hetaryl)-1-phenyl-1<i>H</i>-pyrazol-4-yl)-5-(pyridin-4-yl)-1,3,4-oxadiazol-3(2<i>H</i>)-yl]ethanones" <i>Chemistry of Heterocyclic Compounds</i>, 56(5), 615-618.</p> <p>24. <b>Chaudhry, F.</b>, Naureen, S., Aslam, M., Al-Rashida, M., Rahman, J., Huma, R., Fatima, J., Khan, M., Munawar, M.A. &amp; Ain Khan, M. (2020), "Identification of imidazolylpyrazole ligands as potent urease inhibitors: synthesis, antiurease activity and <i>in silico</i> docking studies." <i>ChemistrySelect</i>, 5(38), 11817-11821.</p> <p>25. <b>Chaudhry, F.</b>, Shahid, W., Al-Rashida, M., Ashraf, M., Munawar, M.A. &amp; Khan, M.A. (2021). "Synthesis of imidazole-pyrazole conjugates bearing aryl spacer and exploring their enzyme inhibition potentials." <i>Bioorganic Chemistry</i>, 104686.</p> <p>26. <b>Chaudhry, F.</b>, Munir, R., Ashraf, M., Nisa, M., Huma, R., Malik, N., Hussain, S., Munawar, M. A. &amp; Khan, M. A. (2023), "Exploring facile synthesis and cholinesterase inhibiting potential of heteroaryl substituted imidazole derivatives for the treatment of Alzheimer's disease". <i>Arabian Journal of Chemistry</i>, 16(1), 104384.</p> <p>27. <b>Chaudhry, F.</b>, Munir, R. &amp; Malik, N. (2023), "N-heterocycles as privileged scaffolds in FDA approved different NMEs of 2021: a review." <i>Letters in Organic Chemistry</i>, 20(4), 287-299. DOI: <a href="https://doi.org/10.2174/1570178620666221026095145">10.2174/1570178620666221026095145</a></p>
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	<p>28. Munir, R., Zaib, S., Zia-ur-Rehman, M., Hussain, N., <b>Chaudhry, F.</b>, Younas, M. T., Zahra, F.T., Tajammul, Z., Javid, N., Dera, A.A. and Ogaly, H.A. (2023). “Ultrasound-assisted synthesis of piperidiny-quinoline acylhydrazones as new anti-alzheimer’s agents: assessment of cholinesterase inhibitory profile, molecular docking analysis, and drug-like properties. <i>Molecules</i>, 28(5), 2131. DOI: <a href="https://doi.org/10.3390/molecules28052131">10.3390/molecules28052131</a></p> <p>29. <b>Chaudhry, F.</b>, Abdullah, S., un-Nisa, M., Hayat, A., Ahmad, H.A., Aslam, S., Ashraf, M. and Munawar, M.A. (2024). Synthesis, <i>in vitro</i> <math>\alpha</math>-Glucosidase inhibition, DFT calculations, and molecular docking studies of some new substituted 2,5-bis (pyrazolyl)-1,3,4-oxadiazoles. <i>ChemistrySelect</i>, 9(9), 202304160. DOI: <a href="https://doi.org/10.1002/slct.202304160">10.1002/slct.202304160</a></p> <p>30. Fatima, M., Aslam, S., Fatima, A., Muhammed, M. T., <b>Chaudhry, F.</b>, Irfan, A., ... &amp; Jardan, Y. A. B. (2025). Exploring the antidiabetic potential of pyrimidine-derived chalcones: synthesis, biological evaluation, and molecular modeling. <i>ChemistrySelect</i>, 10(2), e202403306. DOI: <a href="https://doi.org/10.1002/slct.202403306">10.1002/slct.202403306</a></p>
Papers presented in National/International Conferences	<p>1. <b>Poster Presentation (2<sup>nd</sup> Prize Winner)</b> on “Chalcone-based chemosensor (<i>CProbe</i>): An ultrasensitive colorimetric probe for the selective detection of metal ions in aqueous solution” Syeda Sur-E-Adan, Maryam Nasir, Noor Awan, <b>Faryal Chaudhry*</b> in Kinnaird’s “3<sup>rd</sup> Business Plan &amp; Innovative Idea Competition” organized by the ORIC at Kinnaird College for Women on 19<sup>th</sup> Feb, 2025.</p> <p>2. Participated in Three Days Kinnaird’s 3<sup>rd</sup> International Conference on Science, Technology and Innovation, 18<sup>th</sup> to 20<sup>th</sup> Feb, 2025  <b>Oral Presentation</b> on “Investigating the effect of different thermal treatments on the phytochemical contents and antioxidant potentials of Cruciferous and Umbelliferae vegetables: a comparative study” by Hamna Saqib, Rabia Suhail, <b>Faryal Chaudhry*</b>  <b>Oral Presentation</b> on “Synthesis of quinoline-sultam hybrid scaffolds: Design, optimization &amp; characterization” by Leena Siddiqui, Rubina Munir, <b>Faryal Chaudhry</b>, Ayesha Roohi  <b>Poster Presentation</b> on “Discovery of a new pyrazole-based 1,3,4-oxadiazole as promising antidiabetic agent: a comprehensive study of its synthesis, biological evaluation and computational modeling” by Lareb Fatima and <b>Faryal Chaudhry*</b></p> <p>3. <b>Poster Presentation</b> on “Synthesis and <i>in silico</i> pharmacokinetic profiling of 4-(furan-2-ylmethylene)-pyrazolones” by Rija Khalid, Lareb Fatima, <b>Faryal Chaudhry*</b>, Rahila Huma, Rubina Munir, Ayesha Roohi in 4<sup>th</sup> International Conference on “Chemical and Pharmaceutical Sciences: Innovation to Commercialization” on 22<sup>nd</sup> – 24<sup>th</sup> January, 2025 Organized by the Department of Chemistry, Forman Christian College (A Chartered University), Lahore Garrison University, Lahore.</p> <p>4. <b>Poster Presentation</b> on “Furan-imidazole hybrids: One-pot facile synthesis, <i>in silico</i> drug-likeness and ADMET predictions” by Lareb Fatima, <b>Faryal Chaudhry*</b>, Rija Khalid in 3<sup>rd</sup> International Conference on “Trends &amp; Research in Chemistry” on 6<sup>th</sup> &amp; 7<sup>th</sup> November, 2024 Organized by Department of Chemistry, University of Education, Lahore.</p> <p>5. <b>Poster Presentation</b> on “A convergent synthesis of the pyrazolone based hetarylidenes as new antioxidant agents” by Farah Iqbal, <b>Faryal Chaudhry*</b>, Sijal Dar, Uswa Farooq in 4<sup>th</sup> International Conference on Chemistry (ICC-2023) on “Modern Trends in Chemical, Biological and Material Sciences” on 20<sup>th</sup> – 21<sup>st</sup> March, 2023 Organized by Lahore Garrison University, Lahore.</p> <p>6. Participated in Three Days Kinnaird’s 2<sup>nd</sup> International Conference on Science, Technology and Innovation, 8<sup>th</sup> to 10<sup>th</sup> March, 2023</p>

	<p><b>Oral Presentation</b> on “Assessment of Aflatoxin B1 and selected heavy metal concentrations in different animal feed samples collected from different areas of Lahore city” by Fatima Zafar, Muneeza Hanif, Hamna Saqib, Naseem Zahra, and <b>Faryal Chaudhry*</b></p> <p><b>Poster Presentation (2<sup>nd</sup> Prize Winner)</b> on “One-pot synthesis and <i>in-silico</i> ADME/TOX analysis of novel imidazole derivatives” by Khadija Ahmad and <b>Faryal Chaudhry*</b></p> <p>7. Participated in “19<sup>th</sup> International &amp; 31<sup>st</sup> National Chemistry Conference on Emerging Trends in Chemistry-CCUMT-2021” which was held on December 16-18, 2021 at Department of Chemistry, University of Management and Technology, Lahore, Pakistan.</p> <p><b>Poster Presentation</b> on “Preliminary assessment of selected heavy metal residues in different types of cheese consumed in Lahore, Pakistan.” by Sijal Dar, Rehab Iftikhar, <b>Faryal Chaudhry*</b>, and Rahila Huma.</p> <p>8. Participated in “Statistical Poster Competition in Kinnaird Festival of Statistics and Data Science” organized by Kinnaird College Statistics Department in collaboration with ORIC on 24<sup>th</sup> November, 2021.</p> <p><b>Poster Presentation</b> on “Contribution of robust statistical method in discovering novel anticancer agents as potent drug candidates.” by Khadija Ahmed, Uswa Farooq, Sijal Dar and <b>Faryal Chaudhry*</b>.</p> <p>9. 30th National &amp; 18th International Chemistry Conference on Recent Trends in Chemistry-CCUMT-2019 which was held on November 27-29, 2019 at Department of Chemistry, University of Management and Technology, Lahore, Pakistan:</p> <p><b>Poster Presentation</b> on “Modification on the pyrazolic core to synthesize novel diazolic conjugates with antioxidant activity.” by <b>Faryal Chaudhry*</b>, Rahila Huma, Nayab Malik, Arooba Ghani, Munawar Ali Munawar</p> <p>10. International Conference of Punjab University 2019 on Recent Innovations in Molecular Sciences which was held on November 6-8, 2019 at University of the Punjab, Lahore, Pakistan:</p> <p><b>Poster Presentation</b> on “Towards discovery of effective anti-diabetic agents; synthesis and <math>\alpha</math>-glucosidase inhibition activity of some pyrazole derivatives.” by <b>Faryal Chaudhry*</b>, Fatima Zafar, Sana Malik, Muhammad Ashraf, Munawar Ali Munawar, Misbahul Ain Khan</p> <p>11. Participated in Three Days Kinnaird’s 1<sup>st</sup> International Conference of Science, Technology and Innovation, 2<sup>nd</sup> to 4<sup>th</sup> April, 2019</p> <p><b>Two Oral Presentations</b> on a). “Estimation of Selected Heavy Metals in Different Yogurt Samples Collected from Lahore” by <b>Faryal Chaudhry*</b>, Rahila Huma, Zaib-Un-Nisa, Mavra Khan, Javeria Fatima</p> <p>b). “Iron Evaluation in Fortified and Whole Wheat Flour Collected from Different Areas of Punjab” by Rahila Huma, <b>Faryal Chaudhry</b>, Aleena Ahmed, Fareeha Malik, Javeria Ahmed</p> <p>12. <b>Poster Presentation: Dr Faryal Chaudhry</b>; “Mitsunobu Reaction: A versatile tool for new C-N bond formation.” (25<sup>th</sup> National &amp; 13<sup>th</sup> International Chemistry Conference 2014 by the Institute of Chemistry, University of the Punjab, Lahore, Pakistan)</p> <p>13. <b>Poster Presentation: Dr Faryal Chaudhry</b>; “Knoevenagel Condensation: Easy, facile &amp; green protocols.” (Chemical Trends 2013- A Conference on the Recent Trends</p>
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	<p>in Chemical Research by the Department of Chemistry, SBA School of Sciences and Engineering, Lahore University of Management Sciences (LUMS), Lahore, Pakistan)</p> <p><b>14. Poster Presentation: Dr Faryal Chaudhry;</b> “Heterocyclic Chalcones: Design, Synthesis &amp; Biological Studies.” (21<sup>st</sup> National &amp; 9<sup>th</sup> International Chemistry Conference 2011, The Department of Chemistry &amp; International Centre of Chemical &amp; Biological Sciences, Karachi)</p>
<b>Certifications/Professional Trainings and Extra-curricular Activities</b>	<ul style="list-style-type: none"> <li>• Completed online training course, entitled “ACS Outreach Training Program” conducted by American Chemical Society. Dated: 25<sup>th</sup> June, 2025.</li> <li>• Celebrated the “World Environment Day” and attended a seminar, organized by the SOS Foundation and Kinnaird College for Women, Lahore. Resource Person: Dr. Shaista Sohail, Chief Executive Officer of SOSF. Dated: 5<sup>th</sup> June, 2025.</li> <li>• Attended “Floral Fiesta 2025, Bonsai Workshop and 3<sup>rd</sup> Annual Art and Floriculture Exhibition” organized by the Department of Botany and Horticulture Society at Kinnaird College for Women, Lahore. Dated: 19<sup>th</sup> May, 2025.</li> <li>• Attended an Online International Symposium “Nature Derived Compounds and Their Bio-Application” organized by the Institute of Molecular Biosciences, University of Queensland. Dated: 1<sup>st</sup> May, 2025.</li> <li>• Attended an International Webinar “Unlock New Value with ScienceDirect AI – See It in Action!” organized by the Elsevier. Dated: 3<sup>rd</sup> April, 2025.</li> <li>• Attended a Webinar “Express the Power of Data by Using Orange Tool and Python for Data Analytics” organized by the Pakistan Scientific and Technological Information Centre (PASTIC) Pakistan Science Foundation (PSF). Resource Person: Syed Muhammad Rafi (Expert / Senior Lecturer Iqra University); Dated: 20<sup>th</sup> March, 2025.</li> <li>• Attended an International Webinar “Women Leadership in Higher Education: Empowering Change &amp; Advancing Global Excellence” organized by the LCWU and UET on the International Women’s Day. Dated: 8<sup>th</sup> March, 2025.</li> <li>• Attended a Seminar “From Vision to Action: How PMYP is Shaping Youth Development” organized by the Kinnaird College Prime Minister’s Green Youth Movement Club at Kinnaird College for Women, Lahore. Focal Person Prime Minister’s Youth Programme Punjab: Mr. Fahad Shahbaz. Dated: 24<sup>th</sup> Feb, 2025.</li> <li>• Participated in “1<sup>st</sup> International Virtual Conference for Young Researchers on Applied Chemical and Biological Sciences” organized by GCU Faisalabad. Dated: 25-26<sup>th</sup> Feb, 2025.</li> <li>• Attended the first talk of KAC Distinguished Lecture Series 2025 entitled “In Conversation with Bobby Singh Bansal: Courtiers of Maharaja Ranjit and Lahore’s Sikh Heritage” organized by the Kinnaird Archive Centre at Kinnaird College for Women, Lahore. Guest Speaker: Mr. Bobby Singh Bansal. Dated: 21<sup>st</sup> Feb, 2025.</li> <li>• Joined the Art Exhibition held by Textile Design Department at the Kinnaird College for Women, Lahore. Dated: 20<sup>th</sup> Feb, 2025.</li> <li>• Participated in Three Days Kinnaird’s “3<sup>rd</sup> International Conference on Science, Technology and Innovation”, 18<sup>th</sup> to 20<sup>th</sup> Feb, 2025 and served as a moderator in the 1<sup>st</sup> Chemistry Technical Session.</li> <li>• Participated and organized a seminar entitled “Iridium-Catalyzed Aromatic C-H Activation/Borylation”. Guest Speaker: Dr. Ghayoor Abbas Chotana from LUMS,</li> </ul>

	<p>Lahore. in Kinnaird's "3<sup>rd</sup> International Conference on Science, Technology and Innovation". Dated: 18<sup>th</sup> Feb, 2025.</p> <ul style="list-style-type: none"> <li>• Participated in a seminar entitled "Decoding life: From Linnaeus to Hebert" organized by the Department of Botany in Kinnaird's "3<sup>rd</sup> International Conference on Science, Technology and Innovation". Dated: 19<sup>th</sup> Feb, 2025.</li> <li>• Expressed the unwavering support for Kashmiris on Kashmir Solidarity Day. Dated: 5<sup>th</sup> Feb, 2025.</li> <li>• Attended a Seminar entitled "Academic Motivation, Learning and Institutions of Higher Education" organized by the Department of Education at Kinnaird College for Women, Lahore. Guest Speaker: Dr. Muhammad Islam from University of the Punjab. Dated: 30<sup>th</sup> Jan, 2025.</li> <li>• Attended 4<sup>th</sup> International Conference on "Chemical and Pharmaceutical Sciences: Innovation to Commercialization" on 22<sup>nd</sup> – 24<sup>th</sup> January, 2025 Organized by the Department of Chemistry, Forman Christian College (A Chartered University), Lahore Garrison University, Lahore.</li> <li>• Organized KC SciFest-I'25 as a chief organizer of this festival at the Kinnaird College for Women, Lahore under Kinnaird Science Club on 21<sup>st</sup> January, 2025.</li> <li>• Mentoring the Intermediate Students for the English and Science Quiz 2024-2025 and Honoured with Exemplary Leader and Mentor Award by the HRCA, Lahore.</li> <li>• Dr. Faryal Chaudhry virtually attended as participant in the two days International Symposium on "Food and Water Linking the Future Navigating the Climate Crisis" organized by Department of Botany at Baba Guru Nanak University (BGNU), Nankana Sahib. Dated: 11-12<sup>th</sup> Dec, 2024</li> <li>• Organized a Chemistry Department Seminar over "Smog; An Environmental Threat" on 14<sup>th</sup> Nov, 2024 at Kinnaird College for Women, Lahore. Resource Person: Prof. Dr. Ch. Jamil Anwar.</li> <li>• Participated in 3<sup>rd</sup> International Conference on "Trends &amp; Research in Chemistry (TRIC 2024 - Hybrid)" on 6<sup>th</sup> and 7<sup>th</sup> November, 2024 Organized by Department of Chemistry, University of Education, Lahore, Pakistan.</li> <li>• Visited with a group of students to the 3<sup>rd</sup> Forman Christian College Annual Science Fair, "Scinovation &amp; Artology" on 23<sup>rd</sup> October, 2024. Also, poster was presented by Syeda Durr-e-Adan and Faryal Chaudhry* on "Nanotechnology, A Sustainable Future".</li> <li>• Participated in an online 2-day workshop; "<i>In Silico</i> Drug Discovery Workshop" via Zoom organized by the National Center for Advancing Translational Sciences (NCATS), National Institutes of Health (NIH). Dated: 23<sup>rd</sup> and 24<sup>th</sup> Oct, 2024.</li> <li>• Attended the HEC-Elsevier webinar on "Author Workshop – Essential of Writing a Research Article for High Impact Journals". Dated: 22<sup>nd</sup> Oct, 2024.</li> <li>• Attended a MDPI webinar "World Food Day Webinar 2024". Dated: 16<sup>th</sup> Oct, 2024.</li> <li>• Attended a seminar on "Fighting Future Pandemics: Innovations in Rapid Vaccine Development" organized by the Biotechnology Department at Kinnaird College for Women, Lahore. Dated: 2<sup>nd</sup> Oct, 2024.</li> <li>• Industrial Visit to Lucky Core Industries, Polyester Plant, Sheikhpura - Pakistan. Dated: 25<sup>th</sup> Sep, 2024.</li> </ul>
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	<ul style="list-style-type: none"> <li>• Attended a webinar on “Going with the flow: An Ultimate Guide to Ultrafiltration” organized by The Scientist Webinars. Dated: 18<sup>th</sup> Sep, 2024.</li> <li>• Attended Environmental Science Club’s Tutorial based on SDGs on “Sustainability for a Thriving Future” at Kinnaird College for Women, Lahore. Dated: 10<sup>th</sup> Sep, 2024.</li> <li>• Attended a full-day Training Session on “Outcomes Based Education (OBE)” organized by the OQAIE (Office of Quality Assurance &amp; Institutional Effectiveness) at Kinnaird College for Women, Lahore. Resource Person: Dr. Naveed Ahmad, Dated: August 17, 2024.</li> <li>• Attended a capacity building workshop over “The role of the arts and sciences in preparing women for entrepreneurship and financial security” under "Fulbright Specialist Project for Kinnaird College for Women" by USEFP regarding Faculty Development Plan on 6<sup>th</sup> June, 2024 at Kinnaird College for Women, Lahore. Resource Person: Ms. Shaz Akram.</li> <li>• Attended an online training session <i>via</i> Zoom on “Turnitin” on 23<sup>rd</sup> May, 2024 from 11:30 am to 12:30 pm organized by the HEC, Pakistan. Resource Team: Turnitin Feedback Studio Team.</li> <li>• Completed the online course <i>via</i> Zoom, entitled "Shaping the Future of Education: AI Across Campus" organized by Forman Christian College (A Chartered University), Lahore. Dated: May 13-30, 2024.</li> <li>• Organized a Seminar on “Navigating the Professional Landscape” on 7<sup>th</sup> May, 2024 at Kinnaird College for Women, Lahore. Resource Person: Dr. Madeeha Batool, focal person for career counselling and job placement at School of Chemistry, University of the Punjab, Lahore.</li> <li>• Completed the module “Using AI to match your abstract to the right journal (8 minutes)” of Elsevier on Friday 3<sup>rd</sup> May, 2024. Resource Person: Hannah Foreman.</li> <li>• Participated in the “Green Day Festival Celebration” organized by the Green Youth Movement Club on 25<sup>th</sup> Apr, 2024 at Kinnaird College for Women, Lahore.</li> <li>• Organized an Annual Tutorial on “Unlocking Vitality: Women’s Health and Well-being”, SDG-3; Good Health and Well-Being, under Kinnaird Science Club on 16<sup>th</sup> April, 2024 at Kinnaird College for Women, Lahore.</li> <li>• Participated in a one-day symposium on “Recent Trends in Industrial Chemistry and Optics”. Organized at School of Physical Sciences, University of the Punjab, Lahore, Dated: 8<sup>th</sup> March, 2024.</li> <li>• Organized a workshop over “Organizing references and citation with Mendeley Software” on 22<sup>nd</sup> Nov, 2023 at Kinnaird College for Women, Lahore. Resource Person: Dr. Anum Hayat</li> <li>• Organized a Photography Competition on United Nations World Science Day for Peace and Development with Theme: “Building Trust in Science” SDG-16; Peace, Justice and Strong Institutions, under Kinnaird Science Club on 20<sup>th</sup> Nov, 2023 at Kinnaird College for Women, Lahore.</li> <li>• A study visit (with BS Chemistry Students) to Lahore Science Mela Dated: 28<sup>th</sup> Oct, 2023.</li> <li>• Attended a Two Day Workshop on “Computational Tools for Drug Design &amp; Discovery” at Forman Christian College (A Chartered University), Lahore on 17<sup>th</sup> to</li> </ul>
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	<p>18<sup>th</sup> Oct, 2023. Resource Person: Dr. Muhammad Qaiser Fatmi from COMSATS University Islamabad.</p> <ul style="list-style-type: none"> <li>• Industrial Visit to NovaMed Pharmaceuticals (Pvt) Ltd Lahore – Kasur Rd, Old Kahna, Lahore, Punjab. Dated: 10<sup>th</sup> Oct, 2023.</li> <li>• Completed every module within “Certified Peer Reviewer Course” of Elsevier on 1<sup>st</sup> Oct, 2023.</li> <li>• Certificate of Participation, Webinar on “High Throughput Cell-Based Assays” organized by Shifa Tameer-E-Millat University <i>via</i> Zoom, Dated: 21<sup>st</sup> August, 2023. Resource Person: Dr. Saeed Seyed Mohammad from Cedars-Sinai Medical Institute, Los Angeles, United States.</li> <li>• Completed the module “Rejected manuscripts: Next steps and finding the right fit (60 minutes)” of Elsevier on Thursday 27<sup>th</sup> July, 2023. Resource Persons: Wesley B. Swords and Jessica Torn.</li> <li>• Judged the Creative Writing Competition on ‘Environmental Fiction: Invest in our Planet’ organized at Kinnaird College for Women, Lahore by Kinnaird Environmental Sciences Club and Kinnaird Science Club; Dated: 18<sup>th</sup> April, 2023.</li> <li>• Participated in 4<sup>th</sup> International Conference on Chemistry (ICC-2023) on “Modern Trends in Chemical, Biological and Material Sciences” on 20<sup>th</sup> – 21<sup>st</sup> March, 2023 Organized by Lahore Garrison University, Lahore.</li> <li>• Participated in Three Days Kinnaird’s 2<sup>nd</sup> International Conference on Science, Technology and Innovation, 8<sup>th</sup> to 10<sup>th</sup> March, 2023</li> <li>• Organized and participated in a workshop on “Ionic Liquids as Designer Green Solvents &amp; Their Widespread Applications”. Resource Person: Dr Maliha Uroos (Director, Centre for Research in Ionic Liquids, School of Chemistry, University of the Punjab), Dated: 9<sup>th</sup> March, 2023 during Kinnaird’s 2<sup>nd</sup> International Conference on Science, Technology and Innovation.</li> <li>• Participated in a one-day workshop on “Patent Drafting and Filing Procedure”. Resource Person: Ms. Shakra Khurshid (Senior Examiner, Intellectual Property Organization of Pakistan), Dated: 25<sup>th</sup> February, 2023.</li> <li>• Attended Elsevier’s APAC customer success hub webinar – “Beyond Borders: How to promote interdisciplinary &amp; international collaborative research to contribute to the achievement of the SDGs” <i>via</i> Zoom, Speaker: Prof. Yasuyuki Kono Vice President for International Strategy of Kyoto University &amp; Professor of the Center for Southeast Asian Studies, and Professor Emeritus Attachai Jintrawet of Chiang Mai University, Dated: 1<sup>st</sup> February, 2023.</li> <li>• Attended “Virtual Organic &amp; Medicinal Chemistry Symposium 2022” on 9<sup>th</sup> Dec, 2022 Organized by the Research Groups of Rahman S. Saleem, and Ghayoor Abbas of Department of Chemistry and Chemical Engineering, SBA School of Science and Engineering, LUMS, Lahore <i>via</i> Zoom.</li> <li>• Attended Elsevier’s workshop on “Enabling a perfect research ecosystem with Science Direct” organized by the HEC of Pakistan in collaboration with Elsevier <i>via</i> Zoom, Dated: 28<sup>th</sup> November, 2022.</li> <li>• Attended Elsevier’s workshop on “Navigating the pathways of publishing in High-quality journals by using Scopus” organized by the HEC of Pakistan in collaboration with Elsevier <i>via</i> Zoom, Dated: 15<sup>th</sup> November, 2022.</li> <li>• Organized and attended a workshop on "A Hands-on Training on Basics of Computational Chemistry" organized at Kinnaird College for Women, Lahore, by the</li> </ul>
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	<p>Chemistry Department in Collaboration with ORIC; Dated: 11<sup>th</sup> Nov, 2022; Speaker: Dr. Umar Farooq (Associate Professor of School of Chemistry, University of the Punjab, Lahore).</p> <ul style="list-style-type: none"> <li>• Attended “Hands on Training for Growing Edible Gardens and Entrepreneurship” on 4<sup>th</sup> Oct, 2022 Organized by the Department of Botany in Collaboration with ORIC &amp; Green Youth Movement Club, Kinnaird College for Women, Lahore.</li> <li>• Attended “Virtual Drug Discovery Symposium 2022” on 16<sup>th</sup> Sep, 2022 Organized by the Department of Chemistry and Chemical Engineering, SBA School of Science and Engineering, LUMS, Lahore <i>via</i> Zoom.</li> <li>• Attended Elsevier’s APAC Customer Success Hub workshop on “Reviewer workshop: How to get the most out of being a reviewer of scientific articles” organized by the Elsevier <i>via</i> Zoom, Dated: 10<sup>th</sup> August, 2022.</li> <li>• Attended Elsevier’s APAC level workshop on “Empowering knowledge on ethical publishing: Mastering the art of identifying predatory, fake and cloned journals” organized by the Elsevier: A division of RELX India Pvt, Ltd. <i>via</i> Zoom, Dated: 8<sup>th</sup> June, 2022.</li> <li>• Judged the Biopreneurship Competition of Scienceporium 2022 organized at Kinnaird College for Women, Lahore by College Science Club; Dated: 31<sup>st</sup> May, 2022.</li> <li>• Participated in the Science Photography Competition of Scienceporium 2022 organized at Kinnaird College for Women, Lahore by College Science Club; Dated: 31<sup>st</sup> May, 2022.</li> <li>• Organized and attended a seminar on "Applications &amp; Optimization of Reaction Parameters for the Synthesis of Nanomaterials" organized at Kinnaird College for Women, Lahore, by the Chemistry Department; Dated: 30<sup>th</sup> May, 2022; Speaker: Dr. Akhyar Farrukh (Associate Professor of FCCU, LHR).</li> <li>• A study visit (with BS Sem-8 students) to the labs of the Department of Chemistry and Chemical Engineering, SBA School of Science and Engineering, LUMS, Lahore, Dated: 27<sup>th</sup> May, 2022.</li> <li>• Attended meeting on "Navigating Women’s Leadership Advancement in Higher Education" organized by the Public Affairs Team of U.S. Embassy Islamabad <i>via</i> Zoom, Dated: 30<sup>th</sup> March, 2022; Speaker: Dr. Cynthia Warrick (The President of Stillman Collge USA).</li> <li>• 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: 10<sup>th</sup> March, 2022.</li> <li>• Attended webinar of two days’ workshop on "Promoting Research Excellence in Academics across Pakistan" organized by the Higher Education of Pakistan (HEC) and Elsevier <i>via</i> Zoom, Dated: 1<sup>st</sup> &amp; 2<sup>nd</sup> February, 2022.</li> <li>• Attended the one-day Hands-on workshop on "Computer Aided Drug Design and Discovery" by the Centre for Advanced Drug Research (CADR) COMSATS University Islamabad, Abbottabad Campus <i>via</i> Zoom, Dated: 19<sup>th</sup> January, 2022. Resource Persons: Prof Dr Zaheer ul-Haq Qasmi and Mr. Syed Jawad Ali Shah</li> <li>• Participated in “19<sup>th</sup> International &amp; 31<sup>st</sup> National Chemistry Conference on Emerging Trends in Chemistry-CCUMT-2021” which was held on December 16-18, 2021 at Department of Chemistry, University of Management and Technology, Lahore, Pakistan.</li> </ul>
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	<ul style="list-style-type: none"> <li>• Attended “Virtual Organic &amp; Medicinal Chemistry Symposium 2021” on 16<sup>th</sup> Dec, 2021 Organized by the Department of Chemistry and Chemical Engineering, SBA School of Science and Engineering, LUMS, Lahore <i>via</i> Zoom.</li> <li>• Participated in “Statistical Poster Competition in Kinnaird Festival of Statistics and Data Science” organized by Kinnaird College Statistics Department in collaboration with ORIC on 24<sup>th</sup> November, 2021.</li> <li>• Organized 2<sup>nd</sup> Hands-on Training Workshop Entitled “ACD/ChemSketch Software” by the Department of Chemistry, Kinnaird College, Dated: 20<sup>th</sup> Nov, 2021. Resource Persons: <b>Dr Faryal Chaudhry</b> &amp; Dr Rubina Munir</li> <li>• Attended “Virtual Drug Discovery Symposium 2021” on 1<sup>st</sup> Nov, 2021 Organized by Department of Chemistry and Chemical Engineering, SBA School of Science and Engineering, LUMS, Lahore <i>via</i> Zoom.</li> <li>• Attended a session on "Protection of Intellectual Property: Filing, Process, and Prosecution of Patents" organized by the University of Management and Technology (UMT) in collaboration with Chemical Society of Pakistan on 12<sup>th</sup> Oct, 2021 through web meeting on Zoom. Resource person was Dr. Muhammad Akhyar Farrukh.</li> <li>• Participated in two days “Online Meeting on Recent Developments in Drug Discovery and Medicinal Chemistry” organized by OIC Ministerial Standing Committee on Scientific and Technological Cooperation (COMSTECH) on 26<sup>th</sup> and 27<sup>th</sup> July, 2021 through Zoom.</li> <li>• Participated in online workshop entitled “Mendeley: Reference Data Management for Research” organized by Pakistan Scientific and Technological Information Centre (PASTIC) Sub Centre Karachi on 26<sup>th</sup> May, 2021 through web meeting on Zoom. Resource person was Dr. Maryam Ibrar</li> <li>• Attended a session over “The Perfect Instructional Video for FCCU” on 21<sup>st</sup> May, 2021 virtually through Zoom. Facilitator was Mr. Dann Hurlbert (from Carleton College, Minnesota, USA)</li> <li>• Participated in workshop on “Next Gen Drug Discovery Software for Lead Optimisation” organized by Zastra Innovations, Bengaluru, India from 9<sup>th</sup>-24<sup>th</sup> Apr, 2021 through web meeting on Zoom. Resource person was Dr. Girinath Pillai (Director Zastra Innovations, India)</li> <li>• Participated in 1<sup>st</sup> online International Conference on “Research Advancements in Chemistry 2021” held on 10<sup>th</sup>-11<sup>th</sup> Mar, 2021 organized by the Department of Chemistry, School of Natural Sciences, NUST, Islamabad, Pakistan <i>via</i> Zoom</li> <li>• Participated in one-day workshop on “Outcome Based Education and Embedded Assessments: Preparing Graduates for Practical Life Skills” on 12<sup>th</sup> Dec, 2020 organized by Quality Enhancement Cell of Kinnaird College for Women, Lahore through Zoom. Resource person was Mr. Kashif Suhail Malik</li> <li>• Participated in one-day virtual symposium on “Antiviral Drug Design and Discovery” on 10<sup>th</sup> Oct, 2020 organized by Department of Chemistry and Chemical Engineering, SBA School of Science and Engineering, LUMS, Lahore <i>via</i> Zoom</li> <li>• Attended 3<sup>rd</sup> International Conference on Chemistry (ICC) - Virtual on “Innovative Challenges in the Field of Molecular and Chemical Sciences” on 21<sup>st</sup>-22<sup>nd</sup> Sep, 2020 Organized by Department of Chemistry, Lahore Garrison University, Lahore <i>via</i> Zoom</li> <li>• Participated in “Virtual Organic and Medicinal Chemistry Symposium 2020” on 12<sup>th</sup> Sep, 2020 Organized by Department of Chemistry and Chemical Engineering, SBA School of Science and Engineering, LUMS, Lahore <i>via</i> Zoom</li> </ul>
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	<ul style="list-style-type: none"> <li>• Attended Seminar on “Innovative Techniques in Livestock and Aquaculture” organized by Zoology and Food and Nutrition Departments at Kinnaird College, Dated: 28<sup>th</sup> January, 2020</li> <li>• Participated in Three Days “3<sup>rd</sup> International Conference on Chemical and Pharmaceutical Sciences: New Trends in Medicinal and Pharmaceutical Chemistry” at Forman Christian College (A Chartered University), Lahore on 29<sup>th</sup> to 31<sup>st</sup> January, 2020</li> <li>• Organized Seminar on “Molecular and Functional Nanomaterials” at Kinnaird College for Women. Key Speaker: Dr. Khurram Saleem Joya, Dated: 30<sup>th</sup> November, 2019</li> <li>• Participated in 30<sup>th</sup> National &amp; 18<sup>th</sup> International Chemistry Conference on Recent Trends in Chemistry-CCUMT-2019 which was held on November 27-29, 2019 at Department of Chemistry, University of Management and Technology, Lahore, Pakistan</li> <li>• Attended Symposium on “Wildlife Conservation and Animal Rights” organized by Zoology and Environmental Sciences Departments at Kinnaird College, Dated: 21<sup>st</sup> November, 2019</li> <li>• Participated in International Conference of Punjab University 2019 on Recent Innovations in Molecular Sciences which was held on November 6-8, 2019 at University of the Punjab, Lahore, Pakistan.</li> <li>• Attended Workshop on “Self-Assessment Process in Higher Education Institutions (HEIs)” by Dr. Khushboo organized by QEC (Quality Enhancement Cell) at Kinnaird College, Dated: 9<sup>th</sup> November, 2019</li> <li>• Attended Workshop on “How to Move Your Article Quickly through the Review Process” at Kinnaird College, Dated: 20<sup>th</sup> September, 2019</li> <li>• Attended Workshop on “The Fundamentals of Proofing and Editing Reports for Scientific Publication” at Kinnaird College, Dated: 19<sup>th</sup> September, 2019</li> <li>• Participated in One Day Workshop on “Introductory Stata” at Kinnaird College, Dated: 4<sup>th</sup> May, 2019</li> <li>• Participated in Hands-on Workshop of “Advanced NMR Techniques in Structural Biology and Chemistry” at Department of Biology, SBA School of Sciences and Engineering, Lahore University of Management Sciences (LUMS), Lahore, Pakistan) Dated: 30<sup>th</sup> April 2019</li> <li>• Participated in Workshop of “Toxicology Screenings in the Process of New Drug Development” at Kinnaird College, 4<sup>th</sup> April, 2019</li> <li>• Participated in Three Days Kinnaird’s 1<sup>st</sup> International Conference of Science, Technology and Innovation, 2<sup>nd</sup> to 4<sup>th</sup> April, 2019</li> <li>• Moderator in Three Days Kinnaird’s 1<sup>st</sup> International Conference of Science, Technology and Innovation, 2<sup>nd</sup>-4<sup>th</sup> April, 2019</li> <li>• Participated in Three Days 2<sup>nd</sup> International Conference on Advances in Chemical Science at Govt. College University, Lahore, 20<sup>th</sup> to 22<sup>nd</sup> Mar, 2019</li> <li>• Participated in Two Days Science Expo and Conference at PCSIR, Lahore, 11<sup>th</sup> &amp; 12<sup>th</sup> Feb, 2019</li> <li>• Attended Quantitative Data Analysis QEC Workshop at Kinnaird College, 17<sup>th</sup> Jan, 2019</li> <li>• Organized 1<sup>st</sup> Hands-on Training Workshop Entitled “ACD/ChemSketch Software” by Department of Chemistry, Kinnaird College, Dated: 24<sup>th</sup> Nov, 2018.</li> </ul> <p>Resource Persons: <b>Dr Faryal Chaudhry</b> &amp; Dr Rubina Munir</p>
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	<ul style="list-style-type: none"> <li>• Industrial Visit to Service Factory (Industrial-Academia Linkages), 19<sup>th</sup> Nov, 2018</li> <li>• Attended Continuous Professional Development (CPD) Workshop at Kinnaird College, 15<sup>th</sup> to 17<sup>th</sup> Aug, 2018</li> <li>• Participated in Quantitative Data Analysis SPSS (II) Workshop at Kinnaird College, 11<sup>th</sup> May, 2018 Resource Person: Dr Kalsoom</li> <li>• Participated in Quantitative Data Analysis SPSS Workshop at Kinnaird College, 2<sup>nd</sup> March, 2018 Resource Person: Dr Kalsoom</li> <li>• Participated in Teachers Methodologies Workshop at Kinnaird College, Dated: 3<sup>rd</sup> Nov, 2017.</li> <li>• Attended Teachers Workshop Ethics at Kinnaird College, Dated: 17<sup>th</sup> Aug, 2017</li> <li>• Participated in 25<sup>th</sup> National &amp; 13<sup>th</sup> International Chemistry Conference 2014 by the Institute of Chemistry, University of the Punjab, Lahore, Pakistan.</li> <li>• Participated in Chemical Trends 2013 - A Conference on the Recent Trends in Chemical Research by the Department of Chemistry, SBA School of Sciences and Engineering, Lahore University of Management Sciences (LUMS), Lahore, Pakistan.</li> <li>• Participated in 21<sup>st</sup> National &amp; 9<sup>th</sup> International Chemistry Conference 2011, The Department of Chemistry &amp; International Centre of Chemical &amp; Biological Sciences, Karachi.</li> </ul>
<b>Research Interest</b>	<ul style="list-style-type: none"> <li>• Organic synthesis</li> <li>• Discovering new synthetic methodologies under environment friendly conditions</li> <li>• Designing of bioactive molecules</li> <li>• Study of the medicinal and industrial applications of small organic molecules.</li> <li>• Phytochemical analyses</li> <li>• Assessment of toxic metals in samples and environmental risk studies</li> </ul>
<b>Professional/Technical Skills</b>	<ul style="list-style-type: none"> <li>• Common approaches used in synthetic laboratories</li> <li>• Solution phase as well as solid phase synthetic techniques</li> <li>• Use of advance analytical instruments including UV-VIS, FT-IR, NMR, LCMS etc.</li> </ul>
<b>IT Skills</b>	<ul style="list-style-type: none"> <li>• Skills in using different softwares including ChemSketch, ChemDraw, ACD Labs, SPSS, Origin and AutoDock Tools</li> <li>• MS-Office, Operating systems, Internet surfing and AI tools</li> </ul>