


Proforma: 09

Faculty Resume

<i>Name & Personal Information</i>	<p>Sumaira Saleem</p> <p>Postal Address: Bahria Orchard, Lahore.</p> <p>Mobile: 03226638848</p> <p>Email address:</p> <p>sumaira.saleem@gcu.edu.pk</p> 
<i>Experience</i>	<ul style="list-style-type: none">• Lecturer of chemistry (May, 2016 till date) Government College University Lahore, Pakistan.• Lecturer of chemistry (August, 2014 - May, 2016.) Gabriel College Mandi bahauddin, Pakistan.• Visiting lecturer (September, 2013 - March, 2014.) Government College University Lahore, Pakistan.• Chemistry Lecturer (April, 2011 - July. 2011) Govt. Degree College For Women Mandi Bhauddin Pakistan.• Science teacher (January, 2011 -April, 2011) Fauji Foundation Model School Mandi Bhauddin, Pakistan.• Science teacher (April, 2010 - Oct. 2010) Bahria Foundation H/School Mandi Bhauddin, Pakistan.
<i>Honor and Awards</i>	<ul style="list-style-type: none">• Saleem. S, Khan.I.U. (2014) ‘’ Synthesis and biological evaluation of metal complexes with Beta lactam‘’ manuscript published.

	<ul style="list-style-type: none">• Certificate of participation in 3rd Annual Poster Competition, Chemistry Department 2013, GCU Lahore.• Certificate of participation in International conference of chromatography 2013, Awari Hotel, Lahore												
<i>Memberships</i>	<ul style="list-style-type: none">• Member of organizing committee of “International chemistry conference for the promotion of university industry linkage (2018, 2019)” Department of Chemistry GCU Lahore.• Participant in training workshop of “Outcome based education in higher education institution” at GCU Lahore, 2017												
<i>Graduate Students</i>	<table><tr><th>Years</th><th>Degree</th><th>Name</th></tr><tr><td>2024</td><td>BS Chemistry</td><td>Khadija Balqees. 491-BS-CHEM-21 Bushra Muzafar. 414-BS-CHEM-21</td></tr><tr><td>2023</td><td>BS Chemistry</td><td>Fizza Khan. 212-BH-CHEM-20. Nayha Shehzadi. 212-BH(E)-CHEM-20.</td></tr><tr><td>2021</td><td>MSc</td><td>Shaweeza Kiran. 882-MSCCHEM-19.</td></tr></table>	Years	Degree	Name	2024	BS Chemistry	Khadija Balqees. 491-BS-CHEM-21 Bushra Muzafar. 414-BS-CHEM-21	2023	BS Chemistry	Fizza Khan. 212-BH-CHEM-20. Nayha Shehzadi. 212-BH(E)-CHEM-20.	2021	MSc	Shaweeza Kiran. 882-MSCCHEM-19.
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		<p>Suneel Kumar. 859-MSCCHEM-19.</p> <p>Muhammad Shahzad. 849-MSCCHEM-19.</p> <p>Muhammad Shahbaz Zafar. 875-MSCCHEM-19.</p> <p>Laviza Khanum. 861-MSCCHEM-19.</p> <p>2018 Sara Farheen Younus. 811-MSCCHEM-16.</p> <p>2018 BS Chemistry Amna Riaz 339-BH_CHEM-2014.</p> <p>Rida Yousaf 346-BH-CHEM-2014.</p> <p>Syeda Hijab Fatima 320-BH-CHEM-2014.</p>
<i>Brief Statement of Research Interest</i>		<p>My interest in Chemistry enforces me to research in the field of Inorganic –Analytical Chemistry and my research work is based on the synthesis of metal complexes, nanoparticles and their characterization along with biological assay's complexes, nanoparticles and their characterization along with biological assay's..</p>

<p><i>Publications</i></p>	<ul style="list-style-type: none"> • Saleem, S., Muhammad, G., Hussain, M. A., & Bukhari, S. N. A. (2018). A comprehensive review of phytochemical profile, bioactives for pharmaceuticals, and pharmacological attributes of <i>Azadirachta indica</i>. <i>Phytotherapy research</i>, 32(7), 1241-1272. • Saleem, S., Muhammad, G., Hussain, M. A., Altaf, M., & Bukhari, S. N. A. (2020). <i>Withania somnifera</i> L.: Insights into the phytochemical profile, therapeutic potential, clinical trials, and future prospective. <i>Iranian journal of basic medical sciences</i>, 23(12), 1501. • Saleem, S., Muhammad, G., Iqbal, M. M., Hussain, M. A., Raza, M. A., Shafiq, Z., & Razzaq, H. (2021). Polysaccharide-Based Liquid Crystals. <i>Polysaccharides: Properties and Applications</i>, 573-590. • Muhammad, G., Saleem, S., Shahid, M., Ashraf, R. S., Altaf, M., Raza, M. A., & Amin, M. (2023). Synthesis and biological applications of heparin-based composites. In <i>Green Sustainable Process for Chemical and Environmental Engineering and</i>
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	<p>Science (pp. 347-373). Elsevier.</p> <ul style="list-style-type: none"> • Muhammad, G., Laila, K. N., Sharif, M. U., Hussain, M. A., Majeed, A., & Saleem, S. (2024). Polysaccharide-mediated synthesis of copper oxide nanoparticles for enhanced photodegradation of methyl orange and methylene blue. <i>Cellulose chemistry & technology</i>, 58. • Saleem, S., Mushtaq, A., Muhammad, G., Wajid, M., Siddique, F., Alshabrmi, F. M., & Alatawi, E. A. (2025). GC-MS Profiling, pharmacological predictions, molecular docking, and ADME studies of different parts of <i>Thymus Linearis</i> against multiple target proteins in wound healing. <i>Chemistry & Biodiversity</i>, 22(2), e202401821. • Saleem, S., Wajid, M., Muhammad, G., Mushtaq, A., & Amin, M. (2025). Therapeutic potential of <i>Thymus linearis</i> in alloxan-induced diabetic mice: LC-MS profiling, biochemical, histological, and computational approaches. <i>Chemistry Select</i>, 10(24), e00105.
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<i>Other Research or Creative Accomplishments</i>	<ul style="list-style-type: none"> • UV-Visible spectrophotometer • High performance liquid chromatography • Fourier transform infra-red spectroscopy • Chemistry chem-sketch draw
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