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**CURICULLUM VITAE**

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**SADIA REHMAN**

**OBJECTIVES**

To work in an environment where I can prove my skills with a view of refining my Knowledge, what I have Learned, for the betterment of the organization.

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**PERSONAL**

**NAME:** SADIA REHMAN  
**FATHER'S NAME:** HABIB-UR-REHMAN  
**NATIONALITY:** Pakistan  
**MAILING ADDRESS:** Department of Chemistry, University College of Science Shankar Campus, Abdul Wali Khan University Mardan

**ACADEMIC RECORD:**

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Qualification	Year of Passing	Percentage/ Grade/CGPA	Subject studied	Institute where studied
Ph.D	2013	3.75 CGPA	Inorganic Chemistry	University of Peshawar
M.Sc	2007	A, Gold Medalist	Chemistry (Inorganic)	University of Peshawar
B.Sc.	2004	A	Science	University of Hazara
F.Sc	2002	A	Pre-medical	GG Degree College Haripur
SSC	2000	A	Science	GGH School # 2 Haripur.

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## PUBLICATIONS

### Year 2014

1. Fazle Subhan, Sobia Aslam, Zifeng Yan, Muhammad Ikram, **Sadia Rehman**, Enhanced desulfurization characteristics of Cu-KIT-6 for thiophene, *Microporous and Mesoporous Materials*, 199, 2014, 108-116.
2. Fazle Subhan, Zifeng Yan, Peng Peng, Muhammad Ikram, **Sadia Rehman**, The enhanced adsorption of sulfur compounds onto mesoporous Ni-AlKIT-6 sorbent, equilibrium and kinetic analysis, *Journal of Hazardous Materials*, 270, 2014, 82-91.
3. **Sadia Rehman**, Muhammad Ikram, Fazle Subhan, Intramolecular cascade lactone cyclization of dicoumarol derivatives promoted by tributyltin chloride, *Letters in Organic Chemistry*, 11(3), 2014, 215-219.

### Year 2013

1. **Sadia Rehman**, Muhammad Ikram, Ajmal Khan, Thomas S. Hofer, Robert J. Baker, Alexander J. Blake and Saeed-Ur-Rehman New dicoumarol sodium compound: Crystal structure, theoretical study and tumoricidal activity against osteoblast cancer cells, *Chemistry Central Journal*, 7, 2013, 110. (IF: 3.28).
2. Muhammad Ikram, **Sadia Rehman**, Faridoon, Robert J. Baker, Hanif Ur Rehman, Ajmal Khan, Muhammad I. Choudhary and Saeed-Ur-Rehman, Synthesis, and distinct urease enzyme inhibitory activities of metal complexes of Schiff-base ligands: Kinetic and thermodynamic parameters evaluation from TG DTA analysis, *Thermochimica acta*, 555, 2013, 72– 80. (IF: 1.8)
3. Muhammad Ikram, **Sadia Rehman**, Kamin Khan and Saeed-Ur-Rehman, Effect on the Inhibitory Activity of Potential Microbes on the Complexation of Methyl anthranilate derived Hydrazide with Cu, Ni and Zn(II) Metal Ions, *Journal of the Chemical Society Pakistan*, 35(2), 2013, 420-425. (IF: 1.37)
4. Muhammad Ikram, **Sadia Rehman**, Muhammad Ali, Faridoon, Carola Schulzke, Robert J. Baker, Alexander J. Blake, Khan Malook, Henry Wong and Saeed-Ur-Rehman, Urease and  $\alpha$ -chymotrypsin inhibitory activities of transition metal complexes of new Schiff base ligand: Kinetic and thermodynamic studies of the synthesized complexes using TG DTA pyrolysis, *Thermochimica acta*, 562C, 2013, 22-28. (IF: 1.8)

5. **Sadia Rehman**, Muhammad Ikram, Robert James Baker, Muhammad Zubair, Effat Azad, Soyoung Min, Kashif Riaz, Ken H. Mok, Saeed-Ur-Rehman Synthesis, characterization, in vitro antimicrobial, and U2OS tumoricidal activities of different coumarin derivatives, Chemistry Central Journal, 7, 2013, 68 (IF: 3.28).
6. Saeed-Ur-Rehman, **Sadia Rehman**, Muhammad Ikram, and Farhat Ullah, Synthesis, pyrolytic and bioassay studies of complexes Ni(II), Cu(II) and Zn(II) bromides with a chelating ligand of N,N donor sites, Article in press in Journal of Saudi Chemical Society. (IF: 1.28).
7. Muhammad Ikram, **Sadia Rehman**, and Kamin Khan, Antibacterial and antifungal activities of transition metal complexes of 2-[(E)-[(2-[(Z)-(2-hydroxyphenyl)methylidene]amino}phenyl)imino]methyl]phenol, Accepted for Proceedings of 2<sup>nd</sup> Multidisciplinary Conference Toward Better Pakistan by Sarhad University of Science and Information Technology (SUIT), Peshawar

#### Year 2012

1. Muhammad Ikram, Saeed-Ur-Rehman, **Sadia Rehman**, Robert J. Baker and Carola Schulzke, Synthesis, characterization and distinct butyrylcholinesterase activities of transition metal [Co(II), Ni(II), Cu(II) and Zn(II)] complexes of 2-[(E)-(quinolin-3-ylimino)methyl]phenol, Inorganica Chimica Acta, 390, 2012, 210–216. (IF: 1.84)

#### Year 2011

1. Saeed-Ur-Rehman, Muhammad Ikram, **Sadia Rehman** and Shah Nawaz, Structural and Bioassay Studies of Complexes of Modified Diammine with Cobalt (II), Frontiers of Chemistry in China, 6(2), 2011, 98-104.
2. Saeed-Ur-Rehman, Muhammad Ikram, **Sadia Rehman** and Shah Nawaz, Bioassay Studies of Metal (II) Complexes of 2,2'-(ethane-1,2-diyl-diimino)diacetic acid, Bulletins of Chemical Society of Ethiopia. 25(2), 2011, 239-245. (IF: 0.39)
3. Saeed-Ur-Rehman, Muhammad Ikram, **Sadia Rehman** and Nazir Jan, “Synthesis and Characterization of Ni(II), Cu(II) and Zn(II) Nitrate Coordination Complexes Of Modified Hdrazine”, Journal of Mexican Chemical Society, 55(3), 2011, 164-167. (IF: 0.41)

## Year 2010

1. Saeed-ur-Rehman, Muhammad Ikram, **Sadia Rehman**, Alia Faiz & Shahnawaz., Antimicrobial Studies of Transition Metal Complexes of Imidazole Derivative, *Bulletins of Chemical Society of Ethiopia*; 24(2) 2010, 201-207. (IF: 0.39)
2. Saeed-Ur-Rehman, Muhammad Ikram and **Sadia Rehman**, “Synthesis and the Biological studies of the complexes of 2-amino-n-(2-aminobenzoyl)benzohydrazide with Co(II), Ni(II) and Cu(II)”, *Frontiers of Chemistry in China*, 5(3), 2010, 348–356.
3. Saeed-Ur-Rehman, Muhammad Ikram, **Sadia Rehman**, Gul Akhtar and Farhat Ullah, “Synthesis, Physicochemical and Biological Studies of Complexes of 2-Aminobenzohydrazine with Co(II), Ni(II), Cu(II) and Zn(II) Chlorides”, *Synthesis and Reactivity in Inorganic Metal Organic and Nano metal Chemistry*, 40(10), 2010, 847-854. (IF: 0.46)

## CONFERENCES/SYMPOSIUM

1. Attended and Presented Research Work in 17<sup>th</sup> National Conference held in Lahore Pakistan
2. Attended and Presented research work in “Symposium on Recent Trends in Chemical Research & Awareness on Data Presentation Skills
3. Attended and Presented research work in “1<sup>st</sup> Spring Research Poster Symposium 2010.
4. Attended and Presented research work in “2<sup>nd</sup> Spring Poster Symposium Chemical Research & Awareness on Data Presentation Skills 2011.
5. Attended and presented research work in “Dalton Transaction younger researcher symposium 2011, at Warwick University UK.
6. Attended and Presented research work in “3<sup>rd</sup> Spring Research Poster Exhibition, March 07, 2012.
7. Attended and Presented research work in “Recent Trends in Indigenous Chemical Research & Awareness on Data Presentation Skills” July 2012.