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Designation : Associate Professor

Qualification : M.Sc. (Hons.), M. Phil, PhD, NET Qualified

Title of PhD Thesis : Synthesis and Characterization of mixed alkyl/aryl pyridyl and picolyl Chalcogenides and their derivatives.

Area of Specialization : Inorganic Chemistry

Total Teaching Experience : 29 years

PUBLICATIONS

International 08	1. Synthesis and Characterization of same α,w-bis(naphthyl seleno) alpines : x-ray crystal structure of 1,2-bis(1- naphthyl seleno) ethane, *Inorg. Chem . Acta*, **360(2007),3127** 2. Synthesis of Unsymmetrical pyridyearye selevides by reductive cleavage of se-se bond; *Phosporous, sulphur and silicon and the related elements*,**183 (2008) 992** **3.** Recent Advances in C-se bond formation via reduct ive cleanage of se-se bond in Organochalcogenides, *International Journal of Neo Sciences*, **Vol 2 (2015), 12-16** 4. Gujral, Gurjeet, Shivani D. Gulati, Kuldip K. Bhasin, V. A. Potapov, and S. V. Amosova. "Synthesis and characterization of unsymmetric 4-picolyl selenides." *Phosphorus, Sulfur, and Silicon and the Related Elements* 191, no. 1 (2016): 55-58. 5. Recent Studies in the Synthesis of Aryl Selenium (IV) Oxides in *Mc Graw Hill Education 2017*, as Proceeding of International Conference on Advancement in Science and Technology, **Pg 146-148, ISBN (13): 978-93-5260-650-4**. **6.** New Aspects in the Synthesis of Organochalcogenides as Hybrid Ligands in *International Journal of Advanced Technology in Engineering and Science*, **Vol 05, Issue01, Jan.2017, ISSN 2348-7550.** **7.** Recent Studies on the Synthesis of Picolyl aryl/alkyl Chalcogenides, *International Journal of information and computational science*, **ISSN 1548-7741, Vol. 13, issue 2, March 2020, Pg 57-63.** 8. Gujral, Gurjeet, Aman KK Bhasin, K. K. Bhasin, and Shivani Gulati. "Syntheses, characterization, and single crystal X-ray analysis of 2-pyridyl aryl selenium (IV) bromides and chlorides." *Phosphorus, Sulfur, and Silicon and the Related Elements* 197, no. 1 (2022): 45-53. ISSN 1042-6507, 2021 https://doi.org/10.1080/10426507.2021.1987898

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