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Professional Qualification

- ❖ D.Phil from University of Allahabad in 2018
- ❖ NET.JRF (Chemical Science) in 2012, All India rank 94.

* Assistant professor in department of chemistry

Academic Qualification

- ❖ M.Sc.(Chemistry) 677/900 from University of Allahabad in 2012
- ❖ B.Sc 815/1350 from University of Allahabad in 2010
- ❖ Intermediate 334/500 from UP Board in 2006
- ❖ High School 406/600 from UP Board in 2004.

LIST OF PUBLICATIONS

- ❖ Vandana Singh, **Arvind Kumar Pandey**, Preeti, Jadveer Singh, Tulika Malviya, "Gum acacia – CuNp – silica hybrid: an effective, stable and recyclable catalyst for reduction of nitroarenes," *RSC Advances*, 2016, 6, 31074
- ❖ Tulika Malviya, Sneha Joshi, Lalit Mohan Dwivedi, Kirti Baranwal, Shehala, **Arvind Kumar Pandey**, Vandana Singh. "Synthesis of aloevera/acrylonitrile based nanoparticles for targeted drug delivery of 5-Aminosalicylic acid," *International Journal of Biological Macromolecules*, 2017, 106, 930-939.
- ❖ Vandana Singh, Jadveer Singh, Preeti, **Arvind Kumar Pandey**, Sneha Joshi, Lalit Mohan Dwivedi, Nauseen Fatima, Shailendra Tiwari. "One pot catalyzed synthesis of 1,3-bis (2-(4-hydroxyphenyl)-2-methyl-4,5-diphenyloxazol-3(2H)-yl) thiourea and its antimicrobial activity," *Journal of Applicable Chemistry*, 2017, 6, 688-700.

- ❖ Vandana Singh, Preeti, Angela Singh, Devendra Singh, Yadveer Singh. **Arvind Kumar Pandey**. "Synthesis and characterization of guar-alginate hybrid bead templated mercury sorbing titania spheres," *International Journal of Biological Macromolecules*, 2015, 72, 261-268.
- ❖ Vandana Singh, Preeti, Angela Singh, Devendra Singh, Yadveer Singh. **Arvind Kumar Pandey**, Tulika Malviya. "Hg(II) adsorption by alginate-guar gum templated titania spheres: kinetic and isotherm studies," *Advanced Materials Letters*, 2015, 6, 664-669.

List of Conferences/Symposia attended

- ❖ . Synthesis and characterization of polysaccharide CuNp-silica hybrid tailored for catalytic reduction of nitroarenes. **Arvind Kumar Pandey**, Vandana Singh, International Conference on Emerging Materials and Applications, 20-22 February 2017, University of Allahabad, Allahabad India.
- ❖ Synthesis of gum acacia CuNp silica hybrid: an effective, stable and recyclable catalyst for reduction of nitroarene. **Arvind Kumar Pandey**, Vandana Singh, International Conference on Nanomaterial and Nanotechnology, 1-3 March 2017, VBRI Saidabad, Allahabad, India.
- ❖ Synthesis and characterization of polyvinyl alcohol silica nanohybrids. **Arvind Kumar Pandey**, Vandana Singh, Chemistry at the Interface of Innovative Researches in Science and Technology, 27-28 February 2014 Department of Chemistry, University of Allahabad, Allahabad India.