



Dr. VANDANA ANITA

Assistant Professor of Chemistry
Department of Basic Sciences & Humanities

ACADEMIC PROFILE:

- Ph.D: 2018 – 2022; Chemistry Department, Andhra University, Visakhapatnam, India. **Thesis Title:** Influence of Electrostatic Interactions on Chemical Speciation of Toxic metal complexes with L-Histidine and 1, 10-Phenanthroline
- 2010–2012: Masters in Science: Inorganic Chemistry, College of Science and Technology, Andhra University, Visakhapatnam.

ACHIVEMENTS:

- Qualified in STATE ELIGIBILITY TEST-2014.
- Published one book entitled “**Nano Composites: Synthesis and Processing**”.
- **FDPS** : UHV 1 and UHV2.

WORK EXPERIENCE:

- Currently working as Assistant Professor in Raghu Institute of Technology.
- Worked as guest faculty in the department of Chemistry, Andhra University from 2018 to 2020.
- Assistant professor in Avanathi Institute of Engineering from June 2016 to March 2018.
- Worked as a Chemistry Lecturer in Yalamarty Polytechnic College from Aug 2012 to Feb. 2015.

RESEARCH PROFILE:

- **Project Assistant** in the project entitled “Synthesis and Characterization of Nitrogen doped reduced graphene oxide (N-rGO) for hybrid super capacitor applications” Department of Chemistry, Andhra University in 2022.
- **Anita Vandana**, Priyanka Parameswari Krishnamurthy, Shyamala Pulipaka, Nageswara Rao Gollapalli, Dielectric Constant Effect on Protonation Equilibria of L-Histidine And 1,10- Phenanthroline in Aqua Organic Media, Journal of Xidian University., (2020) 14, 673.
- **Anita Vandana**, Priyanka Parameswari Krishnamurthy, Nageswara Rao Gollapalli, Investigation Of L-Histidine Complexes Of Toxic Metals In Aqua-Organic Media., Journal of Xidian University., (2021) 15, 305.
- **Anita Vandana**, Priyanka Parameswari Krishnamurthy, Shyamala Pulipaka, Nageswara Rao Gollapalli, Influence of Propylene carbonate- and 1-Propanol- water mixtures on 1,10 Phenanthroline binary complexes of Pb(II), Cd(II) and Hg(II), Journal Of Engineering, Computing & Architecture , (2021) 11, 88 .
- **Anita Vandana**, Priyanka Parameswari Krishnamurthy, Nageswara Rao Gollapalli, Chemical Speciation of L-Histidine Complexes with some Toxic Metals in 1-Propanol - Water Mixtures., Global Research and Development Journal for Engineering, (2021) 6, 8.
- **Anita Vandana**, Priyanka Parameswari Krishnamurthy, Shyamala Pulipaka, Nageswara Rao Gollapalli, Investigation of Ternary Complexes of Some Toxic Metals with L-Histidine and 1, 10- Phenanthroline in Aqueous Solutions of Propylene Carbonate., Global Research and Development Journal for Engineering, (2021) 6, 20.
- Krishnamurthy Priyanka Parameswari, **Vandana Anita**, Pulipaka Shyamala, Gollapalli Nageswara Rao, Solvent Effect on Protonation Equilibria of L-Histidine and 1,10- Phenanthroline in 1-Propanol-Water Mixtures., (2021) 25, 132.
- Krishnamurthy Priyanka Parameswari, **Vandana Anita**, Gollapalli Nageswara Rao, Chemical Speciation Of L-Histidine Complexes with Essential Transition Metals in 1-Propanol-water mixtures, Journal Of Engineering, Computing & Architecture, (2021) 11, 59.
- Krishnamurthy Priyanka Parameswari, **Vandana Anita**, Gollapalli Nageswara Rao, Speciation Of L-Histidine Complexes With Some Essential Trace Metals, International Journal of Pharma And Chemical Research, (2021) 7, 34.

