

## Faculty Profile



**Name:** Dr. SRILLALITHA VINNAKOTA

**Designation:** Assistant Professor

**Teaching Areas:** Analytical Chemistry, Inorganic Chemistry, Organic Chemistry Physical Chemistry

**Research Interests:** Electrochemical and spectroscopic Studies, Analytical applications of complexes of Hydrazones.

### Education:

- Ph.D., Srikrishnadevaraya University, Anantapur, A.P,2002
- M.Phil., Srikrishnadevaraya University, Anantapur, A.P..1997
- M.Sc., Srikrishnadevaraya University, Anantapur, A.P,1994

### Professional Experience

1. 2002 - till date: Assistant Professor FST, IFHE, Hyderabad, A.P.
2. 1994-2002 Assistant Professor CVLNR Degree and PG College, Anantapur, A.P

### Research / Selected Publications:

1. V. Srilalitha, A. Raghavendra Guru Prasad, K. Raman Kumar, V. Seshagiri and L. K. Ravindranath, Direct and simultaneous spectrophotometric determination of Fe (III) and Ni (II) using salicylaldehyde acetoacetic acid hydrazone – Applications, 2010, Avances en Quimica, 5(3), 153-159.
2. V. Srilalitha, A. Raghavendra Guru Prasad, K. Raman Kumar, V. Seshagiri and L. K. Ravindranath, Determination of Trace Amounts of Titanium(IV) Using Salicylaldehyde Acetoacetic Acid Hydrazone – Applications, 2010, Facta Universitatis Series Physics, Chemistry and Technology, 8(1), 15-24.
3. V. Srilalitha, A. Raghavendra Guru Prasad, K. Raman Kumar, V. Seshagiri and L. K. Ravindranath. A novel method for the spectrophotometric determination of Cu(II) using salicylaldehyde acetoacetic acid hydrazone as the reagent-Application to water, alloys and grape leaves, 2011, Ovidius University Annals of Chemistry, 22(1), 5-10.
4. V. Srilalitha, A. Raghavendra Guru Prasad, K. Raman Kumar, V. Seshagiri and L. K. Ravindranath, Characterization of Co(II), Ni(II), Cu(II) and Fe(III) complexes of salicylsalicylicacid hydrazone by physico-chemical methods, 2011, Periodico Tche Quimica, Vol. 6, No. 12, 1-11.
5. V. Srilalitha, A. Raghavendra Guru Prasad, K. Raman Kumar, V. Seshagiri and L. K. Ravindranath, Synthesis and characterization of Mn(II), Ni(II), Fe(III), Co(III), Cu(II), Zn(II) and Cd(II) complexes of o-Hydroxybenzoic acid hydrazide, 2011, Southern Brajilian Journal of Chemistry, Vol. 19, No. 19, 35-58.
6. V. Srilalitha, A. Raghavendra Guru Prasad, K. Raman Kumar, V. Seshagiri and L. K. Ravindranath, Spectrophotometric Determination of Trace Amounts of Molybdenum(VI) Using Salicylaldehyde Acetoacetic Acid Hydrazo