

## Faculty Profile

**Name:** Dr. SRILALITHA VINNAKOTA

**Designation:** Assistant Professor



### Teaching Areas:

- Analytical Chemistry
- Inorganic Chemistry
- Organic Chemistry
- Physical Chemistry and Environmental Science.

### Research Interests:

- Synthesis and characterization of inorganic complexes and their study by physico chemical Techniques.
- Electro chemical studies of ligands and inorganic complexes.
- Analytical applications of complexes of Hydrazones.

### Education:

- Ph.D., Srikrishnadevaraya University, Anantapur, Andhra Pradesh, India, 2002
- M.Phil., Srikrishnadevaraya University, Anantapur Andhra Pradesh, India, 1997
- M.Sc., Srikrishnadevaraya University, Anantapur, Andhra Pradesh, India, 1994

### Professional Experience:

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

### Research / Selected Publications:

- Vijay Kumar Pujari, **Srilalitha Vinnakota**, Ramana Kumar Kakarla And Sridhar Marojua, Microwave Assisted Synthesis and Antimicrobial Activity of 1-(2-Chloropyridin-3-yl)-3-substituted Urea Derivatives, Asian Journal of Chemistry, Vol. 31, No. 1 (2019), 41-44
- Vijay Kumar Pujari, **Srilalitha Vinnakota**, Ramana Kumar Kakarla, Sreedhar Maroju, Arram Ganesh, and S. Pervaram, Microwave Assisted Synthesis and Antimicrobial Activity of (E)-1-{2/3/4-[(1-Aryl-1H-1,2,3-triazol-4-yl)methoxy]phenyl}-3-(2-morpholinoquinolin-3-yl)prop-2-en-1-ones. Russian Journal of General Chemistry, July 2018 Vol. 88 No. 7 1502–1507.
- Nagaraju Madala, Venkata Rao Ghanta, **Srilalitha Vinnakota**, Narender Mendu, Arun B. Ingle, Krishna Ethiraj, Vishal Sharma, Total synthesis of Carpatamides A–D Tetrahedron Letters, July 2018, Vol. 59 (27), 2708–2710
- Vijay Kumar Pujari, **Srilalitha Vinnakota**, Ramana Kumar Kakarla and Sridhar marojua, Antimicrobial activity and Microwave assisted Synthesis Of 4- Chlorophenyl urea derivatives by using Dabal-Me<sub>3</sub>, Heterocyclic Letters, Feb-April 2018, Vol. 8 (2): 487-491
- **V. Srilalitha**, A. Raghavendra Guru Prasad, V. Seshagiri and L. K. Ravindranath, Spectrophotometric Determination of Trace Amounts of Vanadium(V) Using Salicylaldehyde Acetoacetic Acid Hydrazone-Applications, Analele Universita Nii din Bucuresti – Chimie (serie noua), 19(2), 69 –76.