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: (Total 18 Years)

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:

1. V. K. Pujari, **S. Vinnakota,** R. K. Kakarla, S. Maroju, and A. Ganesh, A One-Pot, Solvent-Free, and Catalyst-Free Synthesis of Substituted (E)-1-Phenyl-3-[2-(piperidin-1-yl)quinolin-3-yl]prop-2-en-1-ones Under Microwave Irradiation. Russian Journal of Organic Chemistry, September 2019 Vol. 55, No. 11, pp. 1772–1776
2. 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
3. Vijay Kumar Pujari, **Srilalitha Vinnakota**, Ramana Kumar Kakarla, SreedharMaroju, 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.
4. Nagaraju Madala, Venkata Rao Ghanta, **Srilalitha Vinnakota**, NarenderMendu, Arun B. Ingle, Krishna Ethiraj, Vishal Sharma, Total synthesis of Carpatamides A–D Tetrahedron Letters, July 2018, Vol. 59 (27), 2708–2710
5. 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-Me3, Heterocyclic Letters, Feb-April 2018, Vol. 8 (2): 487-491
6. **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 UniversitaNii din Bucuresti – Chimie (serienoua), 2018, 19(2), 69 –76.