

Faculty Profile



Name: Dr. V. SRILALITHA

Designation: Associate professor

Teaching Areas: Physical Chemistry, Organic chemistry, Inorganic chemistry, Analytical Chemistry, Industrial Chemistry & Environmental Science.

Research Interests: Inorganic chemistry, Environmental Science and Green Chemistry

Education:

- M.Sc Analytical Chemistry (1994) Srikrishnadevaraya University, Anantapur
- M. Phil (1997) Srikrishnadevaraya, Srikrishnadevaraya University, Anantapur.
- Ph.D (2002) Srikrishnadevaraya University, Anantapur.

Research / Selected Publications:

1. 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
2. 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
3. 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.
4. K. Sheelama, S. Chidara, B. Satish Kumar, S. Vinnakota, and R. Polothi, A Divergent and Protecting Group-Free Synthesis of Davana Acid, Lilacaldehyde, Linalool epoxide, Nordavanone, and Artemone by a Bioinspired Approach, *Russian Journal of Organic Chemistry*, September 2022, Vol. 58, No. 7, pp. 1021–1029
5. Kalidasu Sheelam, Pradeepkumar Thota, Shrinivas Kottawar, Srilalitha Vinnakota, Sridhar Chidara, Satyanarayana Yennam, and Manoranjan Behera Greener route for the synthesis of chromone using Amberlyst®15 via enamionones, *Arkivoc*, November 2022, part vi, 55-65.