

## Dr. Madhavarao Vallabhaneni

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### Biography

Dr. Madhavarao received Ph.D degree from SV University in 2008.

He worked as lecturer in Vignan Co-operative Jr. College, Vadlamudi for four years before joining this institution.

His research is in the area of Natural Products & Synthetic Organic Chemistry. He is fashion in synthesizing flavonoids and other heterocyclic compounds followed by characterization & Bio-activity evaluation. He has made significant research contributions on the understanding synthetic roots for new compounds and has produced two M.Phils & one Ph.D. He has good passion to educate students to reach their goal successful with hard work and dedication.

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### Awards & Honors

1. Reviewer of technical papers for International Journals
  - a. Synthetic Communications.
  - b. Phosphorus, Sulphur, Silicon and Related Elements.
  - c. Bulgarian Chemical Communications
  - d. International Journal of Pharma and Bio-Sciences
2. Member, Board of Studies of Chemistry, RVR College, Chodavaram, Guntur

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### Selected Publications

1. Synthesis, characterization, analgesic and anti-inflammatory activity of new pyrazole derivatives, Pullagura Priyadarsini, **Vallabhaneni Madhavarao**, and Bodepudi Sudheer Chowdary, *Arkivoc*, 2019(vi), 376, (2020).
2. Synthesis, Characterization and Antiinflammatory Activity of New Pyrimidines, P. Priyadarsini, **V. MadhavaRao** and C. VenkataRao, *Asian Journal of Organic & Medicinal Chemistry*, 4(1), 46, (2019).
3. Synthesis, Antioxidant and Antimicrobial activity of three new 2-styrylchromones and their analogues, **MadhavaRao V.**, Ujwala B., Priyadarsini P. and Krishnamurthy P., *Der PharmaChemica*, 8(7), 1, (2016).
4. Syntheses of novel click coumarins and biological evaluation, Rajesh Babu K. and **V. Madhavarao**, *Der Chemica Sinica*, 6(1), 1, (2015).
5. A Novel Catalytic Synthesis of Flavones under Autoclave Conditions And Comparative study of Anti-cancer activity., Rajeshbabu.K, Pushpalatha.S, Ramakrishna.B and **V. Madhavarao**, *Science Domain International- BJPR*, 9(1), 1, (2015).