Government of Puducherry

# Tagore Government Arts and Science College

Accredited at "A" Grade by NAAC

**Puducherry – 605008**

## Faculty Profile

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| 1 | Name | : | Dr. T. VENKATA SWAMY |
| 2 | Designation | : | ASSISTANT PROFESSOR IN CHEMISTRY |
| 3 | Employee ID | | R20180188 |
| 4 | Date of Birth | : | 10.05.1982 |
| 5 | Date of Joining in Regular Service | : | 24.01.2018 |
| 6 | Mobile Number/ Phone number | : | 7731893018 |
| 7 | e-mail id | | swamychempcu@gmail.com |
| 8 | Academic Record | : | |

| Degree | Branch | University | Class |
|---|---|---|---|
| B.SC | Mathematics, Physics & Chemistry | Andhra University, Visakhapatnam, AP | I |
| M.SC | Organic Chemistry | Andhra University, Visakhapatnam, AP | II |
| Ph.D. | Organic Synthesis | Pondicherry University, Puducherry | |
| M.A | English literature | B.R. Ambedkar Open University | I |
| L.L.B | Law | Andhra University, Visakhapatnam, AP | II |
| P.G.D.B.T | Biotechnology | Pondicherry University, Puducherry | II |
| CSIR-UGC NET | Chemical Sciences | CSIR (DEC.2007) | CSIR-JRF |
| GATE-2005 | Chemistry | IIT Kharagpur | All India Rank: 397 |
| SLET | Chemical Sciences | A.P.S.C.H.E, Andhra Pradesh | |

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| 9 | Awards/ Fellowships | : | |

| Name of the award/ Fellowship | Year | Agency |
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| Prathibha Award | 2002 | Government of Andhra Pradesh |
| CSIR-JRF | 2007 | CSIR- UGC |
| ICMR-SRF | 2014 | ICMR |
| Best Nodal Officer Award | 2022 | Election Department, Government of Puducherry |
| Visistha Prathibha Purashkar | 2024 | Salivahana Charitable Trust, Andhra Pradesh |

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| 10 | Publication | : | In Vancouver style |

1. Rao. H.S.P; **Venkata Swamy Tangeti**.; *"Synthesis of 3-Aroylcoumarin-flavone Hybrids".Lett. Org. Chem*. **2012,** *9*, 218-220.
2. Nishith.S, T.; **Venkata Swamy Tangeti**, H. Surya Prakash Rao and R. Krishna. "*(Z)-3-(1-Hydroxy-3-oxobut-1-enyl)-6-nitro-2H-chromen-2-one".Acta.Cryst.***2013**, E6, o284.
3. Rao. H.S.P; **Venkata Swamy Tangeti**.; *"Synthesis and transformations of 4Hchromene 4-hydroxy-2H-pyran-2-one and 4H-chromene 4-hydroxycoumarin conjugates". Journal of Chemical Sciences.***2013,** 125, 777-790.
4. Rao. H.S.P; **Venkata Swamy Tangeti**.; "*Synthesis of spirobiindane based bisflavanones and bis-chroman-4-ones by Kabbe reaction". Lett. Org. Chem*. **2013**, *10*, 307-310.
5. Rao. H.S.P; **Venkata Swamy Tangeti**.; "*Synthesis and photochromic properties of spirobiindane based bis-coumarins". Proceedings of National Academy of Sciences-India sec-a,* **2015**, *85*, 41-49.
6. Rao.H.S.P; **Venkata Swamy Tangeti***,* LaxminarayanaAdigopula.*Synthesis and antimicrobial evaluation of 2-hydroxynaphthalene-1, 4-dione and 4H-chromene conjugates*. *Res. Chem. Intermed.***2016,** *42*, 7285-7303.
7. **Venkata Swamy Tangeti**, G. V. Siva Prasad, Jagadeesh Panda, Ramesh Varma. K. *One pot*

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| | *multicomponent diastereoselective synthesis of novel dihydro-1H-furo [2,3-c]pyrazoles*. *Synthetic Communications* **2016**, *46 (10)*, 878-884. |
| | 8. **Venkata Swamy Tangeti**, Ramesh Varma, K, G. V. Siva Prasad, K.V.V. V. Satyanarayana. "*Synthesis of C3- Dihydrofuran Substituted Coumarins via Multicomponent Approach".Synthetic Communications* **2016**, *46 (7)*, 613-619. |
| | 9.**Venkata Swamy Tangeti**, K. Ramesh Babu, G. V. Siva Prasad, P. Venkata Rao. *Greenchemical multicomponent approach for synthesis of C3-pyrano pyrazole substituted coumarins. Journal of Iranian Chemical Society* **2018**, *15(4)*, 823 - 829. |
| | 10. **Venkata Swamy Tangeti**, K. Ramesh Babu, D. Vasundhara.*One pot synthesis of novel substituted 2',4'-dihydrospiro[chroman-2,3'-pyrazol]-4-one derivatives*. *Current Organic Synthesis* **2018**, 15(2), 267-274. |
| | 11.**Venkata Swamy Tangeti**, *Facile ionic liquid-mediated, multi component synthesis of dihydro-1H-furo[2,3-c]pyrazoles*.*Asian Journal of Green Chemistry*, 3, **2019**, 306-321. |
| | 12. S. K. F. Neelofar, **Venkata Swamy Tangeti**, D. J. Rayalu,D. Muralidhararao, D. S. Rao.*"Design, synthesis and docking studies of 2, 5 disubstituted 1, 3, 4-oxadiazole involved in breast cancer"*. *World Journal of Pharmacy and Pharmaceutical Sciences*, **2013**, *2(6)*, 4929-4941. |
| | 13. Ch. Bhargavi, Mohammed, H. A, **Venkata Swamy Tangeti**, Ramesh Konka, D. J. Rayalu, *"Insilicomodeling and Drug designing of epidermal growth factor receptor (EGFR) involved in Cancer". International Journal of Analytical, Pharmaceutical and Biomedical Sciences*, **2014**, *3*, 18-26. |
| | 14. **Venkata Swamy Tangeti**, D. Vasundhara, K.V.V.V. Satyanarayana, K. S. Pavan Kumar.*"Synthesis and anti-proliferative activity study of novel dihydro-1H-furo[2,3- c]pyrazole flavone hybrids"*. *Asian Journal of Chemistry*, **2017**, **2017**, *29*(7), 1525-32. |
| | 15. **Venkata Swamy Tangeti**, D. Vasundhara, M. Naresh Kumar, M. Himabindu, K. S. Pavan Kumar.*Synthesis, characterization and cytotoxic investigations of novel C3- dihydrofuran substituted 1H-benzo[g]chromene-2, 5, 10-triones besides anti-microbial study". Asian Journal of Chemistry*, **2017**, *29*, 503-511. |
| | **16. Venkata Swamy Tangeti**, B.Harika Reddy, P.Sombabu.*A Facile Synthesis and Pharmacological Evolution of Pyranopyrazole-Naphthoquinone Hybrids as Antimicrobial and Anticancer Agents.Der Pharma Chemica*, **2017**,*9 (24),* 1-11. |
| | 17. **Venkata Swamy Tangeti**, B.Harika Reddy, E. Sharon.*One pot multi component synthesis of anti-inflammatory active tatrahydrofuro [2,3-c]pyridinone -2- carboxylate derivative.Asian Journal of Chemistry,* **2018**,*30 (2)*, 403-410. |
| | 18. K.V.V.V.Satyanarayana, **Venkata Swamy Tangeti**, E. Kumar. *Synthesis Antimicrobial and Anti-inflammatory Activities of 3, 5-Diphenyl-1H-pyrazole Substituted Azepine-5-carboxamide Dérivatives*.*Der Pharma Chemica,* **2018**, *10 (2)*, 149-155. |
| | 19. **Venkata Swamy Tangeti**, K.V.V.V. Satyanarayana. "*Synthesis of Sulfonated Dihydrofuropyrazoles Derivatives as Antimicrobial Active Agents"*. *Asian Journal of Chemistry,* 31(4), **2019**, 773-779. |
| | 20. Rajesh Varma Bhupatiraju, B Srinivasa Kumar, Pavani Peddi, **Venkata Swamy Tangeti**. *An effective HPLC method for evaluation of process related impurities of Letermovir and LC-MS/MS characterization of forced degradation compounds, J. Chem. Metrol.* **2023**,*17 (2),* 181-198. |
| | 21. B. Rajesh Varma, B. Srinivasa Kumar, **T. Venkata Swamy**, K. Rekha, Fathima Sayed. *"LC and LC-MS/MS Studies for Identification and Characterisation of Related Substances and Degradation Products of Abrocitinib"*, Toxicology International, *31(2)*, **2024**, 1-14. |
| | 22. B. Rajesh Varma, P. Pavani, **T. Venkata Swamy**, K. Rekha, And B. Sreenivasa Rao. *"Characterization of Pimavanserin Stress Degradation Products by LCMS/MS and Optimization of Green Analytical HPLC Method for Quantification of Pimavanserin and its Impurities". Asian Journal of Chemistry*, **2024**, *36(10)*, 2452-2460. |
| | 23. B. Rajesh Varma, P. Pavani, **T. Venkata Swamy**, B. Sreenivasa Rao. *"Establishing and validating an HPLC protocol for Pralsetinib Impurities Analysis, Coupled with LC-MS identification of Stress Degradation Products." Analytical Science and Technology, 37(5)*, **2024**, 280-294. |
| | 24. T. Bhagya Kumar, N. Usha Rani, **T. Venkata Swamy**, T. Bhavani K. *"Chiral LC method development for stereo-selective separation and quantification of Ivosidenib and its S,R and R,R* |

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| | *isomeric impurities in drug substance and finished product" Research Journal of Chemistry and Environment,* **2025***, 29(4),* 79-85 | | |
| 10 | Membership in Professional bodies | : | |
| | 1. Life Member in Coastal Chemical Research Society<br>2. Editorial Board Member in American Journal of Heterocyclic Chemistry.<br>3. Member of Board of Studies to Ideal College of Arts and Sciences, Kakinada, Andhra Pradesh.<br>4. Reviewer of "Synthetic Communications" journal<br>5. Reviewer of "Oriental Journal of Chemistry" | | |