

CURRICULUM VITAE

A) PERSONAL DETAILS

Name : T. Sri Ramya
Father's Name : T. V. Nageswara Rao
Husband's Name : Y. Venkata Rama Rao
Date of Birth : 17.06.1987
Marital Status : Married
Gender : Female
Category : OC-General
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Address for Correspondence : Flat No.209, Ramaiah Residency
Kishanpura,
Hanamkonda,
Warangal Urban District,
Telangana State

B) Academic Qualifications

Sl.No.	Degree	Period of study From- To	Board/ University/ Institute	Subject	Marks (%)	Class
1.	SSC	2001- 2002	Board of Secondary Education, A.P	----	87.4	First
2.	Intermediate	2002- 2004	Board of Intermediate Education, A.P	Bi.P.C	91.5	First

3.	B.Pharmacy	2005-2009	Annamalai University, Chidambaram	----	OGPA-8.01/10	First
4.	M.Pharmacy	2009-2011	Vels University, Chennai	Pharmaceutical Chemistry	73.94	First
5.	Ph.D	2018-2023	Kakatiya University	Pharmaceutical Chemistry	Thesis submission is under progress	

Thesis Work

Ph.D: “Design, Sythesis and Screening of New Heterocyclic Compounds for Neurodegenerative Disorders” under the guidance of Prof. Gade Sammaiah, University College of Pharmaceutical Sciences, Kakatiya University.

B.Pharm: Formulation and Evaluation of Microparticles of Glicazide

M.Pharm: Synthesis, characterization, anti- cancer docking and identification of target site of various Mannich bases of Quinazolinones

HIGHLIGHTS OF B.PHARM AND M.PHARM PROJECTS

- Microparticles of Gliclazide were prepared using various polymers and in different combinations of polymer and drug.
- Six derivatives of Quinazolinones were synthesized and various spectral studies such as IR, NMR and MASS were carried out.
- The pharmacological activity of the synthesized compounds was carried out by performing docking studies using AutoDock (version 4.0) software.
- **Androgen receptor** bearing the *pdb id: 1Z95* was taken for study and found out that the compounds **showed activity against Prostate Cancer.**

- Underwent Industrial training in Dr.Reddy's Laboratories, Hyderabad for a period of 30 days in Manufacturing and Packaging Unit, Bachupally.

C) PUBLICATIONS

- 1) **Sri Ramya. T**, Sathyanathan. V, Praveen kumar. D, Manasa Chowdhari. Ch. Docking Studies on Synthesized Quinazoline Compounds against Androgen Receptor **International Journal of Pharmacy and Industrial Research**. ISSN No. 2231-3648(Print). Vol-1, Issue 4, (Oct- Dec)2011, page no. 266-269
- 2) M. Vijey Aanandhi , Debojit Bhattacharjee, **T. Sri Ramya**, R.Sujatha. Synthesis, characterization, anti- prostate cancer docking and identification of target site of various mannich bases of quinazolinones. **International Journal of Pharmacy and Pharmaceutical Sciences**. ISSN No. 0975- 1491. Vol 5, Issue 3, (July- Sep)2013, page no. 981- 986.
- 3) Bairy Padma, **Totakura Sri Ramya**, Thalugula Sunitha and Sammaiah Gade. "Design, Synthesis and Anti-inflammatory Activity of Isatin derivatives". **International Journal of Biology, Pharmacy and Allied Sciences**, 2021, 10(11): 282-288.
- 4) E.Swetha **T.Sri Ramya**, Dr.G.Sammaiah "Synthesis,anti-oxidant and anti-bacterial activity of the 2-azetidinone derivatives from phenylacetic acid" **Bulletin of Environment,Pharmacology and life sciences**. Special issue [1] 2022:586-591
- 5) B.Rajashekar, **T.Sri Ramya**, Dr.G.Sammaiah "Synthesis an evaluation of new azetidinone derivatives for antibacterial and antioxidant activity" **Bulletin of Environment, Pharmacology and life sciences** . Special issue [1] 2022:581-585
- 6) P.Maheshwari, **T.Sri Ramya**, Dr.G.Sammaiah "Synthesis and pharmacological evaluation of few novel 1,3,4-oxadiazole derivatives" **Bulletin of Environment, Pharmacology and life sciences** . Special issue [1] 2022:520-525.
- 7) B.Padma, **T.Sri Ramya**, T.Sunitha, Dr.G.Sammaiah "In vitro evaluation of anti-inflammatory activity of newly synthesized 1-([1,3,4-oxadiazino[6,5-B] substituted indole -2- yl methyl) benzenes. **Bulletin of Environment, Pharmacology and life sciences**. Special issue [1] 2022:805-811.

- 8) G. Sammaiah, E. Venkatesh, T. Sunitha, **T. Sri Ramya**. Evaluation of Antimicrobial and antioxidant activity of newly synthesized N-Mannich bases from methylsalicylate. **International Journal of Zoological Investigations**. Vol. 8, Special Issue, 75-84 (2022)
- 9) **T. Sri Ramya**, Swarnalatha.K, G. Sammaiah. Antioxidant Activity of the Methanolic Leaf Extracts of *Alangium salviifolium*, *Tecoma stans* and *Pisonia alba* by Nitric Oxide (NO) Free Radical Scavenging Assay. **International Journal of Zoological Investigations**. Vol. 8, Special Issue, 91-96 (2022).
- 10) **T.Sri Ramya**, K. Swarnalatha, P.Ramulu, Dr. G. Sammaiah. Synthesis And Screening Of Novel Mannich And Schiff Base Derivatives Of Isatinsfor Cytotoxic And Antioxidant Activity. **Journal of Pharmaceutical Negative Results**. Vol. 13, Special Issue-7, 6307-6313. (2022).
- 11) **Sri Ramya Totakura** , Darakhshan Begum , Gade Sammaiah. Synthesis And In-Vitro Determination Of Neuroprotective Effect Of Novel 2-Anilino-N-(2,4'-Dioxo-1,2-Dihydrospiro [Indole-3,2'-[1,3]Thiazolidine]-3'-Yl) Against Parkinson's Disorder On Sh-Sy5y Cell Lines. **European Chemical Bulletin**. 2023, 12(Special Issue 5), 4663 – 4672
- 12) Balasubramaniyan Sakthivel, **Sri Ramya Totakura**, Sajeer Koolath; Swarnalatha Katherashala, Ravikrishna Velupula, Purnachandra Guntaka; Swapna Bongoni; Venkata Suresh Babu Agala, Khayala Mammadova. Virtual screening and identifying the potent phytochemicals from *Murraya paniculata* for anti-breast cancer activity- A Molecular docking and dynamics simulation approaches. **Informatics in Medicine Unlocked** (UNDER REVIEW). Manuscript Number: IMU-D-23-00619.
- 13) K. Blessi Priyanka, **T. Sri Ramya**, K. Swarnalatha, G. Sushmitha, Arjumand Ara, T. Susan srujana, B. Swapna. Cocrystals of Fenbendazole with Enhanced Invitro Dissolution Performance. **European Chemical Bulletin** (COMMUNICATED).

ACHIEVEMENTS AND PARTICIPATIONS

Papers presented at various National Level Symposia

- Role of Hypoxia Inducible factors in Growth of Tumors and their Metastasis.

- Study and Evaluation of Oral Bioavailability of Erythromycin by Trikatu and its Components.
- Etiology and Symptomatic treatment of Pediatric Migraine.
- Synthesis, identification of target site and docking studies of various Quinazoline derivatives.
- Role of Green Pharmacy in the present day medicine.
- **Qualified in FET Exam conducted by JNTUH in Sep-2011**
- **Member of American Chemical Society**

Participations

- Participated in conference conducted by Indian Pharmacy Graduates Association (IGPA).
- Participated in conference conducted by Indian Pharmacy Association (IPA).
- Underwent Hands-on workshop on Modern Analytical Techniques.
- Participated in Stereochemistry Module-1 workshop.
- Underwent workshop on Synthon Approach for Synthesis of Compounds.
- Underwent workshop on Training on the Handling of Various Analytical Instruments such as HPLC, FT-IR and UV-Spectroscopy.
- Underwent workshop on BIOINFORMATICS for better tomorrow conducted by Vels University and BioLim technologies, Chennai
- Attended National workshop on MOLECULAR DOCKING STUDIES IN DRUG DISCOVERY conducted at Department of Zoology, Kakatiya University, Warangal from 28-30th May, 2018 .
- Presented an oral paper titled “Synthesis and Docking studies of Newer Thiazolidines against Alzheimer’s Disease” at DRAVAYAKA 2019, 10th National level conference sponsored by SARC and SERB organized at Geethanjali College of Pharmacy on 13-14th November 2019.
- Attended 2nd CADD(FDP) Workshop on COMPUTER AIDED DRUG DESIGN (Hands-on-Training) organized by the CENTRE FOR ADVANCED COMPUTATIONAL CHEMISTRY STUDIES, New Delhi, India, 9th January – 15th January 2023 via online mode.

- Presented poster on “Screening of Novel Thiazolidine derivatives of Isatins against Alzheimer’s and Parkinson’s Disorders: An insilico study” at an International Conference on Frontiers in Biotechnology organized by Chaitanya(deemed to be University) on 23-24th February 2023.
- Participated in One Day National Workshop on Good Teaching Practices, at SIPRA Labs jointly organized by Indian Pharmacy Graduates Association(Telangana) and Pallavi Memorial Trust, Hyderabad on 9th September 2023.

SKILLS AND EXPERIENCE

- ❖ Expertise in animal handling and dosing of animals (rats, mice).
- ❖ Uncommon ability to research on different experiments.
- ❖ Excellent in determining physical and chemical properties.
- ❖ **Worked as Assistant Professor and Examinations-In-Charge at Mother College of Pharmacy, Sathupally from July-2011 to Sep-2012.**
- ❖ **Worked as Asst. Professor at Chaitanya Institute of Pharmaceutical Sciences, Rampur from Nov- 2012 to March- 2014.**
- ❖ **Worked as Assistant Professor at St.Peters Institute of Pharmaceutical Sciences from Jun-2015 to Nov-2016.**

COMPUTER PROFICIENCY

Proficient in operating WINDOWS XP, WINDOWS VISTA& WINDOWS 7, WINDOWS 11 and MS OFFICE

LANGUAGES KNOWN

Telugu, Hindi, English & Tamil

REFERRED BY

Samatha, MEDTIGO

DECLARATION

I hereby solemnly declare that all the details presented above is true to the best of my knowledge and belief.

Date: 17.09.2023

Place: Hanamkonda

T. Sri Ramya