*CURRICULUM VITAE*

**Dr.Srinivas.Rangavajjula, Ph.D., *🖂*Email:** srinivasrangavajjula@gmail.com

Sr Research Scientist ( R&D ) ***🕿*Phone No:** +91-9652869924

+91-8309068124

**Carrier Objective**

Seeking a professionally challenging and multicultural environment where my technical and analytical skills will be utilized to the outmost level and provides enough scope to explore my knowledge to serve the organization to the best of my ability and skills.

**Area Of Experience**

Total synthesis of Natural products, aliphatic chemistry, solid phase synthesis of Peptide molecules, Solution phase synthesis of peptide molecules, Aromatic chemistry, Carbohydrate chemistry, Heterocyclic chemistry.

**Executive Digest**

* Doctorate in organic chemistry having **8 years & 6 months** of Industrial experience in R&D
* Currently working as Sr Research Scientist in R&D department at Jubilant biosys Limited, Noida.
* Leading a team of 6 chemist.
* Well versed incarrying out organicsynthesis.
* Expertise in the purification and characterization of organic compounds using chromatography and spectroscopic techniques including NMR, MS and IR spectroscopy.
* Execution of lab work, where necessary scale up also.
* To guide and motivate the associates for the smooth functioning of the project.
* In supervisory and/or project leader roles, demonstrate the ability to provide direction, feedback, and assistance to team in an effective manner.

**Academic Chronicle**

**Ph.D-Organic Chemistry (2004-2011)**

Title of the thesis “Stereoselective Synthesis of the C1-C11 Tetrahydropyran subunit of (+)-Zincophorin, Total synthesis of Achaetolide and transesterification of β-Ketoesters**” – Indian Institute of chemical Technology**, Hyderabad ( Awarded on September 2012 from Osmania University, Hyderabad, India) under the supervision of **Dr.G.Sabitha Reddy**

**M.Sc-Chemistry (1996-1998) :** Sri Venkateshwara University, Tirupati.

**B.Sc (1993-1996):** Nagarjuna University - Math’s, Physics, Chemistry

**Intermediate (1991-1993) :** Board of Intermediate Education, Tenali, (A.P.), India- 1993.

**S.S.C (1991) :** Board of Secondary Education, Tenali, (A.P.), India – 1991

**Awards and Affiliations**

* Qualified CSIR Fellowship conducted by Govt. of India.
* Junior Research Fellowship (JRF) 2004 - 2006by CSIR, India.
* Senior Research Fellowship (SRF) 2007 - 2009by CSIR, India.
* Senior Research Associate (SRA) from 2009 – 2011 at IICT, Hyderabad, India.

**Industry Experience after Ph.D**

* **September-2021-Till the date**

Working as Senior research Scientist at **Jubilant biosys Limited**, **Noida, India**

* **January-2020-Sept-2021**

Worked as Research scientist-II at Ocimum Labs Pvt Ltd, Cherlapally, Hyderabad, India

* **November-2018-December-2019**

Worked as Senior research scientist at Vignasai Laboratories Pvt Ltd, Jeedimetla, Hyderabad,

* **December-2015-October-2018**

Worked as Senior research scientist at Vagdevi Innoscience Pvt Ltd, Nacharam, Hyderabad,

* **October-2013-June-2015**

Worked as Research Scientist at Rational Labs (P) Ltd, Mallapur, Hyderabad, India.

* **August-2011-September-2013**

Worked as a Consultancy.

**Experience after M.Sc**

* **January-2001-October-2003**

Worked as Jr Chemist at Srini Labs, Hyderabad.

* **September-1998-June-2000**

Worked as Tutor cum Lecturer at Viveka Jr College, Tenali.

**Research Highlights & Technical Skills**

* Handle Independently FTE , FFS projects
* Preparation of FFS Cost sheets and Execute independently.
* Synthesis of lead molecules with potential biological activity by employing modern synthetic procedures.
* Design and execution of multi-step synthetic pathways independently.
* Development of new synthetic methodologies as tools in multi-step organic synthesis.
* Profound efficiency in handling of hygroscopic, air and moisture sensitive reagents and reactions.

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* Interpretation of the structure of organic compounds using 1H NMR,13 C NMR, IR, MASS spectroscopic data.
* Excellent team worker, skilled in synthesis of mg & gram scale synthesis.
* Expert in the purification and characterization of organic compounds using chromatography and spectroscopic techniques including NMR, MS, and IR spectroscopy
* carrying independent and collaborative research
* Supervisory and mentoring skills towards asymmetric synthesis
* Able to identify experimental problems and resolve them independently
* Ability to write scientific reports, and manuscript for publication
* Working knowledge in most of the chemical databases and basics in computers

**Publications**

1. Iodotrimethylsilane-Accelerated one-pot synthesis of 5-Unsubstituted 3,4-Dihydropyrimidin-2(1*H*)-ones: A Novel Procedure for the Biginelli-Like Cyclocondensation Reaction at Room Temperature. Gowravaram Sabitha, Kusuma B.Reddy, **Rangavajjula Srinivas** and Jhillu S. Yadav. ***Helv. Chim. Acta*.2005**, *88*, 1-3.
2. Trimethylsilyl Iodide-Promoted Aza-Prins Cyclization for the synthesis of 4-Iodopiperidines. Gowravam Sabitha, Sukant Kishore Das, **Rangavajjula Srinivas** and Jhillu S. Yadav. ***Helv. Chim. Acta.*2010**, *93*, 2023-2025.
3. Synthesis of (3*R*,5R)-harzialactone A and its (3*R*,5*S*)-Isomer. Gowravaram Sabitha, **Rangavajjula Srinivas,** Sukanth K. Das, Jhillu S. Yadav. **BeilsteinJournal of Organic Chemistry2010**, 0*6,* 1-3.
4. Bismuth (III) Chloride catalyzed highly efficient transesterification of β-Ketoesters. Gowravaram Sabitha, **Rangavajjula Srinivas**, P.Gopal, M.Bhikshapathi and J.S.Yadav. ***Helv. Chim. Acta.*2011**, *94*,119-121.
5. Triton B catalyzed three-component, one-pot synthesis of 2-amino-2-chromenes at ambient temperature. Gowravaram sabitha, M.Bhikshapathi, Sambit Nayak, **Rangavajjula Srinivas** and Jhillu.S.Yadav.***J. Heterocycl. Chem*. 2011,** *48*, 267-271.
6. Stereoselective Synthesis of the C1-C11 Tetrahydropyran core unit of (+)-Zincophorin. Gowravaram Sabitha, **Rangavajjula Srinivas,** Jhillu S. Yadav. **Synthesis2011**, *09*, 1484-1488.
7. Stereoselective total synthesis of achaetolide from L-malic acid.Gowravaram Sabitha, **Rangavajjula Srinivas,** Jhillu S. Yadav. **Synthesis 2011,** 20, 3343-3349.
8. Stereoselective total synthesis of Achaetolide using Macmillan α-hydroxylation (manuscript under preparation).

**Software Exposure**

* + Operating systems : Windows 95/98/2000/ME/XP/NT
  + Editors : MS Word, MS Excel and Power point.
  + On line database searching by using Scifinder and Reaxys, Patent searching.
  + Exposure to Chem Draw 10.0**,** ISIS Draw software and internet concepts.

**Personal Profile**

**Father's Name** **:** R.Venkateswara Rao

**Date of Birth :**25-08-1976

**Native place :** Tenali

**Marital Status** **:** Married

**Languages Known** **:** English, Hindi, and Telugu

**Present Address** : 61-C, Shiprasuncity, Indrapuram, Noida – 201014.

**Present address :** Flot No: 402, Nirmal Aashraya” Appartments,

Madhuranagar, Gupta Gardens,

Ramanthapur,

Hyderabad, Telangana,

INDIA-500013.

***DECLARATION***

I hereby declare that all the above furnished information is authentic to the best of my knowledge and I hope my skills and potentialities will satisfy your requirement and needs.

**Place: NOIDA**

**(R.SRINIVAS)**