*CURRICULUM VITAE*

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

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

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**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 chemistry having **9years** of Industrial experience in R&D
* Currently working as Research Scientist in Process R&D department at **Ocimum Labs Pvt Ltd, Hyderabad.**
* Leading a team of 6chemist.
* 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 at kilo lab.
* 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 **-** 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– Sri Venkateswara University, Tirupathi (A.P.), India -1998.

**B.Sc** - Nagarjuna University - Maths, Physics, Chemistry- 1996.

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

**S.S.C** - 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.

**Work Experience**

* **January-2020-Till the date**

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

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

Worked as senior scientist at Vignasai Laboratories Pvt Ltd, Jeedimetla, Hyderabad

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

Worked as senior scientist at Vagdevi Innoscience Pvt Ltd, Nacharam, Hyderabad

* **October-2013-November-2015**

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

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

Worked as a Junior Research Scientist at BioPhore India Pharmaceutical Pvt Ltd, Kukatpally, Hyderabad

* **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.

**Significant Highlights:**

* **Cost effective process**: Products are scale up and commercialized and enable us to complete in the market with a cost effective process while maintaining margins.
* **Process optimization:** Yield improvement and applying cheaper alternative reagents or synthetic routes to the existing process.
* **Commercialization:** Transfer of Technology to production units, process demonstration, study of pre-production trial batches, process optimization at plant and trouble shooting.
* **Technology implementation**: Successfully implemented and executed the technologies at plant level.
* **Impurity profile preparation**: Preparation, purification and isolation of impurities. Characterization and preparation of reference standard reports.
* Preparation of Process development and laboratory verification reports, and to provide the supporting data.

**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 :** 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: Hyderabad**

**Date:**

**(R.SRINIVAS)**