

Dear Sir/Madam,

Enclosed is my resume for your perusal.

**Profile Abstract:**

- 1) CRO & API - (Nov-2019 to Present) – Manger, Escientia Advance science, Hyderabad.

Preparation of C.C for project and project coordination of all departments Familiarity with raw materials cost(RMC) sheets and volume time cycle(working on alternatives or new raw materials)

- 2) CRAMS - 1.5 years (July-2018 to Nov-2019) - Associate Scientist, GVK Bio, Hyderabad.

Synthesis of Medicinal chemistry compounds. Handled various synthetic projects (milligram to kg) under full time equivalent (FTE) model. Effective in planning, proactive to have alternate schemes in hand if the proposed scheme suffers results. Supervise and guide team members to ensure the deliverable on time. Communicate effectively in verbal and written form on research results issues and plans during tele conversation with the client.

- 3) Medicinal Chemistry - 10 years (Dec-2006 to Nov-2016) - Senior Scientist-1, Aurigene Discovery Technologies limited, Bangalore and Hyderabad.

Involved in design of effective synthetic route for the, New Chemical Entities (NCEs), target molecules and execute the proposed scheme with required trouble shooting and involved the process development of active molecules.

Associated with Merk (US) for a collaborative research program for 3years (2006 to 2009), worked with Abbott for 4years (2009 to 2103) and Ageious (2013 to 2016). All projects achieved target milestones and filed patents.

- 4) CRO - 3.5 years (July 2003 - Nov 2006), Research Chemist, Sai Life Sciences Pvt. Limited, Hyderabad.

Handled various synthetic project (milligram to kg) under full time Equivalent (FTE) model.

- 5) API - 1.8 years (May 2001 - June 2003), Trainee Chemist, Hetero Research Foundation, Hyderabad.

**Dr. SATISH REDDY KUNNAM, M. Sc., Ph D**

**Dr. SATISH REDDY.K**  
**H No 9-105/2/B,**  
**Laxminagar colony,**  
**Boduppall, Hyderabad, Telangana**  
**Contact No: 09441833229**  
**Email : [reddysatishk@yahoo.co.in](mailto:red dysatishk@yahoo.co.in)**  
**[reddysatishk@gmail.com](mailto:red dysatishk@gmail.com)**

**Personal Details:**

Father's Name: K. Koti Reddy

Date of Birth: 10-10-1977

Sex: Male

Marital Status: Married

Religion: Hindu

Hobbies: Playing Cricket, and volleyball

Languages know: English, Telugu and Hindi

**Education:**

Ph.D. (Chemistry) (Feb 2016), Osmania University, Hyderabad.

M. Sc. in Organic Chemistry (April 2001), Osmania University, Hyderabad.

B. Sc. (Chemistry, Botany and Zoology) (April 1998), Osmania University, Hyderabad.

**Professional Experience:**

1) Nov-2019 to Present: Manger, Escientia Advance science, Hyderabad.

- Preparation of C.C for projects and Project coordination of all departments. Familiarity with raw material cost (RMC) sheets and volume time cycle (working on alternatives or new raw materials.

2) July-2018 to Nov-2019: Associate Scientist, GVK Bio, Hyderabad.

- Lead a team of 5 Chemists. Synthesis of Medicinal chemistry compound (milligram to kg)
  - Handled various synthetic projects (milligram to kg) under full time equivalent (FTE) model.
- 3) Dec-2006 to July-2016: Senior Scientist-1, Aurigene Discovery Technologies limited, Bangalore and Hyderabad.
- Design and Synthesis of Heterocyclic compounds.
  - Worked for International Collaborators such as Merk, Abbott and Agious for different targets.
  - Hit to lead optimization.
  - Led a team of 5 to 6 chemists.
- 4) July-2003 to Dec-2006: Research Chemist, Sai life science Pvt. Limited, Hyderabad.
- Medicinal chemistry compounds (library) - milligram to 100 g of multi-step synthesis.
  - Lead a team of 3 chemists.
  - Planning and execution of synthesis through a viable and cost efficient route.
  - Resource planning for optimizing man and machine utilization.
  - Coordination with team and time delivery of the molecules.
- 5) May 2001 to June 2003: Trainee Chemist, Hetero Research Foundation, Hyderabad.
- Development of Technology transfer to plant to synthesis in kilo level.
  - Synthesis advanced pharmaceutical intermediates.
  - Impurity Profile studies.
  - Worked at bench for a year and associated with team member.

**Skills:**

- Synthesis, isolation, identification and characterization of compounds by physicochemical properties (Library and individual compounds involving multi-step) such as Mass, <sup>1</sup>HNMR, <sup>13</sup>CNMR, 2D NMR, etc.
- Have successfully handled synthesis of organic compound ranging from milligram to few Kilogram.

- Knowledge in GMP, while establishing key raw material and intermediates usage of Class I,II, III solvents (ICH-Q3C) and validation of process consistency for robustness.
- Patent mining from various patents data bases, preliminary infringement analysis. Patent Manuscript writing.
- Actively involved in EHS (Environment, Health and Safety) oriented programs, frequently conducted by the company, and also safety audit member of internal safety committee.
- Training the team of researchers and technicians, Training juniors in a day to day experiment, analysis and safety guidelines.
- Maintaining a good and cooperative working relationship with members of others departments.
- Experience with computers, including Microsoft Office, literature databases (Scifinder, Bilestein crossfire, ACD chemical search database), Chemdraw, ISIS base.
- Familiar with spectroscopic techniques and chromatographic techniques (silica gel flash column).

#### **Research Publications:**

- 1) Benzimidazole derivatives as potential dual inhibitors for PARP-1 and DHODH. Iskandar Abdullah, Chin Fei Chee, Yean-Kee Lee, Siva Sanjeeva Rao Thunuguntla, **K. Satish Reddy**, Kavitha Nellore, Thomas Antony, JitenderVerma, Kong WaiMun, Shatrah Othman, HosahalliSubramanya, NoorsaadahAbd. Rahman, **BMC**, **2015,23, 4669-4680**.
- 2) Green protocol for the synthesis of 2-aryl-2,3-dihydroquinazoline-4(1H)-ones using Indion Ina 225H resin. **K. Satish Reddy**, T. Parthasarathy, K. Santhosh Kumar and Apuri Satyender, *Asian Journal of Chemistry*, **2015, 27, 2222-2224**.
- 3) Synthesis, antimycobacterial activity and docking studies of L-proline derived hydrazones. **K. Satish Reddy**, M. Ramesh, V.Srimani, K. Subhash Bose, Apuri Satyender and T. Parthasarathy, *Der Pharma Chemica*, **2014, 6, 267-271**.

- 4) Synthesis of Semi-Synthetic Chalcones from the Isolated Intermediate Aldehydes of the Roots of *Decalepishemiltonii*. B. Jaya Chandra Reddy, **K. Satish Reddy** and T. Parthasarathy, *Asian Journal of Chemistry*, **2009, 21, 3855-3860**.
- 5) Polymerization of N-vinylimidazole by V(IV) metal ion in aqueous medium: A Kinetic Study. **K. Sathish Reddy**, T. Parthasarathy and V. Uma, *J. Teaching and Research in Chemistry* **2002, 9, 5**.

#### **Patents:**

- 1) WO2014/128669A2, Trisubstitutedbenzotriazole derivatives as dihydroorotate inhibitors.
- 2) WO2010/115736A2, Dihydroorotate dehydrogenase inhibitors.

#### **Symposiums/Training programs attended:**

- Attended an international symposium on “**Drugs for the Future: Infectious Diseases**” organised by NIPER, Hyderabad from 27<sup>th</sup> to 28<sup>th</sup> March, 2014.
- Participated and trained in laboratory safety, health and environment (SHE) training by renowned organizations.

#### **Declaration:**

I hereby declare that all statements made in this resume are true and complete to the best of knowledge and belief and nothing has been concealed / distorted.

Station: Hyderabad

(K.SATISH REDDY)

Date:

