

CURRICULUM VITAE

RATHIKALA B K

C/O Rakshith B K

LIG 142 2nd Stage

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Date of Birth: 07-07-1992 **Marital Status:** Married



OBJECTIVE:

To take a challenging creative role to work on projects in the field of chemistry and implement the expertise and experience gained and develop quality compounds useful for the organization.

SUMMARY:

Senior Research Associate with Four years five months experience in the field of research chemistry and organic chemistry at one of the Pharmaceutical research and development center (Aurigene Discovery Technologies Ltd.)

WORK EXPERIENCE:

Designation: Research Associate-2

Organisation: Aurigene Discovery Technologies Ltd., Bangalore

Division: Medicinal Chemistry

Duration: Oct 2018-Mar 2020

- Expertised in designing, synthesizing and characterizing novel bioactive molecules towards a wide range of novel protein targets, in an efficient and independent manner.
- Competent at using literature search software like web of knowledge, Scifinder, Reaxys to obtain research papers and implementing their findings and methods to reactions and research.
- Worked with MS office and ChemDraw to prepare and present my work to the management.

Designation: Research Associate-1

Organisation: Aurigene Discovery Technologies Ltd., Bangalore

Division: Medicinal Chemistry

Duration: Oct 2016-Oct 2018

- Worked with modern organic chemistry and Synthetic methods: heterocyclic chemistry, metal catalysed reactions, multi-step synthesis.
- Expertised in handling air and moisture sensitive reactions after taking care of all safety measures in the laboratory.
- First-hand experience in Pd/C, Raney Ni catalysed hydrogenation under high pressure and Cyanide reactions on small scales.
- Worked with MS office and ChemDraw to prepare and present my work to the management.
- Involved in the active participation in common lab activities such as maintaining inventory, taking care of lab equipments/instruments.

Designation: Technical Trainee

Organisation: Aurigene Discovery Technologies Ltd., Bangalore

Division: Medicinal Chemistry

Duration: Oct 2015-Oct 2016

- Experienced in organic synthesis, automated column chromatography, microwave reactors, light, temperature and air sensitive synthesis.
- Gained good knowledge in analysing LCMS, HPLC, ¹H NMR as well as COSY NMR to identify organic compounds synthesised.

- Techniques learned and utilized: parallel synthesis techniques, for both development of optimum reaction conditions and also multiple synthesis and automated parallel purification techniques such as Combi-flash purification.
- Maintained laboratory notebook with detailed procedure, work-up and purification and documented the data in publication format in laboratory notebook.

CTC Details:-

Previous CTC : 5.3 Lakh per annum.

PROJECT UNDERTAKEN:

"De-benzoylation of N-benzyl Sulfonamides using Sulfuric acid" during four months internship at SYNGENE INTERNATIONAL LTD., Bangalore, India.

ACADEMIC QUALIFICATION:

Qualification	Institution	University/Board	Year	Percentage
M.Sc (Industrial Chemistry)	Mangalore University Mangalagangothri	Mangalore University	2013-2015	78.24
B.Sc (BZC)	University College Mangalore	Mangalore University	2010-2013	82.10
Class XII (PCMB)	Ambika Eng. Med. School, Palakunnu Kasaragod	CBSE	2009-2010	69.40
Class X	Ambika Eng. Med. School, Palakunnu Kasaragod	CBSE	2007-2008	65.40

COMPUTER SKILLS:

- General: basics of Computer Software.
- Good in using MS-Office (MS-Word, MS-Power Point).
- Proficient in handling Chems sketch, Chemdraw.

KEY STRENGTH:

- Good grasping power.
- Self motivation and passion to succeed.
- Ability to work accurately as well as hard work.
- Tolerant and flexible to different situations.

DECLARATION:

I RATHIKALA hereby declare that the information furnished above is true to the best of my knowledge. I would be thankful if my candidature is considered and given an opportunity to serve your esteemed organization.

Date : 07 Oct 2021

Place : Mysore

Rathikala B K