

# CURRICULUM VITAE

KISAN BHAGWAT RAHANE

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## CAREER OBJECTIVES

Seeking a position to utilize my abilities in the organic chemistry for research and development in industries that offers a security and professional growth while being resourceful, innovative and flexible.

## RESPONSIBILITIES

- Working for New synthetic routes and mg to kg scale synthesis of NCE and Intermediates.
- Carrying multistep synthesis of molecule.
- Feasibility studies and Process Optimization studies for pilot plant scale.
- Process development, scale-up of the molecule in the lab as well as pilot plant scale.
- Documentation, Tech Pak preparation and Tech transfer
- Making weekly report and presentation for TC and part of chemistry discussion.

## RESEARCH EXPERIENCE

- **June 2020 to Till Date**
- Working as “ **Senior Staff Scientist** ” at “**Praj Matrix R & D Center Pune**” which is India’s one of leading research laboratory involved in research in the field of contract research for global biotech-companies & cosmetics and flavors companies, and biofuel technology provider.
- **May 2008 to June 2020**
- Worked as “**Associate Research Scientist**” at “**Sai Life Sciences Ltd. Pune**” which is India’s one of leading research laboratory involved in research in the field of contract research for global pharmaceutical companies & biotech-companies.
- **October 2006 to April 2008**
- Worked as “**Research Chemist at Chembiotek TCG Life Sciences Ltd., Pune**” which is India’s one of leading research laboratory involved in hi-end research in the field of contract research for global pharmaceutical companies.
- **September 2005 to September 2006**
- Worked as “**R&D Chemist at Hi Tech Bio Laboratories Sci-Molecules India Pvt Ltd., Pune**” in process R&D department.
- **May 2004 to August 2005**
- Worked as “**Process R&D Chemist at Bajaj Organic Pvt. Ltd., Kopergaon (A’Nagar)**” in bulk drug manufacturing department.
- Completed academic project entitled “**Synthesis and characterization of some biologically active 2-styryl-chromone derivatives**” at S.S.G.M. college, Kopergaon (A’Nagar) as a part of curriculum for the degree of Master of Science in Organic Chemistry.

## EXPERIMENTAL SKILLS

- \* Handled Moisture sensitive reactions and reagents such as n-BuLi, LAH, NaH, Vitride etc.
- \* Experience of various reductions, protection, deprotection, organometallic, oxidation, coupling, hydrogenation and various functional group transformation reactions, Chiral resolution by salt formation and Reaction Meta-thesis (RCM), enzymatic hydrolysis and conversion etc.
- \* Knowledge of drying techniques for various solvents.
- \* Good knowledge of various chromatographic techniques such as TLC, HPLC, GC, Microwave, Combiflash etc.
- \* Experience over purification of compounds by column chromatography in small and large scales by flash column and as well as gravitational column.
- \* Good ability in characterization of organic compounds through various Techniques such as <sup>1</sup>HNMR, <sup>13</sup>C NMR, MASS, IR etc.
- \* Scaling- up of reactions from milligrams to kilograms scale.
- \* Ability to work independently as well as in groups, handle 3-4 associates group.

## COMPUTER SKILLS

- \* Chemistry software's such as Chemdraw, ISIS Draw, CA on CD etc
- \* Literature search on BAILEISTAIN, Orgsyn and other useful search engines.
- \* Knowledge of internet search techniques used to find required information (e.g. Technical Facts, MSDS etc.) and monitor sites of interest to the department.

## Awards

- \* Two times awarded for monthly “**Spot award**” for the achieve targets within time.
- \* Awarded for “**Fast Track Talent Management Program**” for consistence three years excellent performance.

## ACADEMIC RECORD / QUALIFICATIONS

<b>M.Sc.</b>	<b>2004</b> , Organic Chemistry, S.S.G.M. College (Kopargaon), Pune University. Maharashtra, India, First Class, <b>63.15 %</b> marks.
<b>B.Sc.</b>	<b>2002</b> , Chemistry, S.S.G.M. College (Kopargaon), Pune University, Maharashtra, India, First Class , <b>69.00 %</b> marks.
<b>H.S.C</b>	<b>1999</b> , Physics, Chemistry, Mathematics, Biology, English. Pune board, India, Second Class, <b>52.17 %</b> marks.
<b>S.S.C</b>	<b>1997</b> , Pune Board, Maharashtra, India, First Class, <b>62.63%</b> marks.

## PERSONAL DETAILS

<b>Nationality</b>	:	Indian
<b>Marital Status</b>	:	Married
<b>Sex</b>	:	Male
<b>Languages Known</b>	:	English, Hindi and Marathi.

**Date of Birth** : 1<sup>st</sup> October 1981  
**Address (Permanent)** : At: Bahadarpur, Post: Jawalke  
Tal-Kopargaon, Dist-A'Nagar,  
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## REFERENCES

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