
Mr. Vinayak Chandrakant Vyavahare

A/P Gotandi, Pune District, Maharashtra, India, 413120

Mo No - +91 7666191681

Mail Id - vinayakvyavahare2525@gmail.com

OBJECTIVE

My objective is to work in a globally competitive environment on challenging assignments that shall yield the twin benefits of the job satisfaction and a steady paced professional growth. I am interested in using my creativity and passion for designing novelty in the field of chemistry with my theoretical knowledge and practical skills acquired through research projects conducted during graduate and postgraduate studies as well as in research organizations.

PROFILE

Organic chemist with more than 3 years of experience in synthesizing and characterizing of Organic, Inorganic and variety of drug molecules, conducting research and analyzing data. Adept at designing and optimizing synthetic routes, collaborating with cross-functional teams and maintaining safe laboratory environments. Demonstrates strong problem-solving skills, attention to details, and a commitment to staying current with Organization advancements.

EDUCATIONAL QUALIFICATION

Qualification	School/ College	Board/ University	Percentage	Year
10 th (SSC)	Shri Wardhman Vidyalaya	Pune Board	76.60%	2013
12 th (HSC)	Shri Wardhman Vidyalaya	Pune Board	63.38	2015
Bachelor of Science (BSc)	A.S.C College Indapur	Pune University (SPPU)	72.94%	2018
Master of Science (MSc)	A.S.C College Indapur	Pune University (SPPU)	65.64%	2020

PROFESSIONAL EXPERIENCE

- 1) Syngene International Limited, Bengaluru, India

17th July 2022 to Present

Designation : Research Associate

2) Aragen Life Sciences (GVK Bio), Hyderabad, India

08th April 2021 to 30th June 2022

Designation : Junior Research Associate

SKILLS

- To perform the reactions from small scale to large scale (milligram to gram)
- Experience in handling moisture and air sensitive reactions, Organometallic reagents.
- Skilled in characterization and structure elucidation of organic compounds by using analytical techniques such as LCMS, GCMS, HRMS, HPLC, ¹H NMR, D₂O NMR etc.
- Documentation and updation of lab experiments carried out efficiently in LNB (Lab Note Books)
- Well versed with chemistry software such as Chemdraw
- Good communication and a good team player with problem solving ability.
- Well known about the knowledge of Spectroscopy, Spectrometry, Chromatography, Different catalysis (Homogeneous and Heterogeneous), Crystallography, Organic reactions (Synthesis), etc.

CHEMICAL REACTION HANDLING

- Oxidation, Reduction, Acid-amine coupling, Cyclisation, Alkylation, Mitsunobu reaction, Protecting-deprotecting groups, Quenching agents, TLC charring solutions.
- Pyrophoric chemicals- LiBH₄, NaBH₄, Palladium on carbon, Grignard reagent, Sodium hydride, acid chlorides, acid-anhydrides etc.
- Coupling reactions- Suzuki coupling, Buckwald coupling, Sonogashira coupling, Stille coupling etc.

RESPONSIBILITY

- To identify the area of self-development, learning chemistry and organization benefits.
- To follow the lab protocols (SOP's), safety working atmosphere with good human being behavior.

- Keeping consistent as well as improved performance in working time.
- To follow the rules of confidentiality of work.

PERSONAL PROFILE

Name : Mr. Vinayak Chandrakant Vyavahare
Father's Name : Mr. Chandrakant Vishnu Vyavahare
Date of birth : 25th July 1997
Permanent address: A/P Gotandi , Tal - Indapur, Dist - Pune, Maharashtra, India, 413120
Links : <https://www.linkedin.com/in/vinayak-vyavahare>
Languages : English, Hindi, Marathi

RESEARCH PROJECT

Synthesis, Characterization and Antibacterial activities of chalcones and pyrimidinone derivatives. (Savitribai Phule Pune University: October 2019 to July 2020)

DECLARATION

I hereby declare that the information provided above is true to the best of my knowledge.

Mr. Vinayak Chandrakant Vyavahare