

CURRICULUM VITAE

Sunil Devidas Ahire,

Daskebaradi Tal.- Chalisgaon

Maharashtra- 424107

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OBJECTIVES

Looking for responsible and challenging position in an environment which believes in quality and commitment above all to utilize my experience in varied fields to the best of my ability.

ACADEMIC PROFILE:

- Completed B.Sc. from B.P. Arts, S.M. A. Science & K.K.C. Commerce College Chalisgaon
- **CGPA/Percentage:-71.14%**
- Completed M.Sc. (Organic Chemistry) from University of North Maharashtra University in 2019-2021: 81.95%.

Employment Summary

I am working as **Research Chemist** in NACL Ind. Ltd. Hyderabad **From 12 July 2021 to Till the date.**

PROFESSIONAL SUMMARY

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- **3 Years'** experience in organic synthetic products.
 - Multi step organic Synthesis.
 - Synthesized of Bench scale synthesis for wide range of Agro Chemical compounds gm to kg Scale.
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Planning and execution of experiments

- Capable to Literature search & patent search regarding synthesis of molecules.
- Isolation & Purification techniques like – Column Chromatography, Distillations, Recrystallization.
- Characterization Techniques - ¹H NMR, LCMS and Mass Spectra

CONTRIBUTION IN ORGANIC SYNTHETIC PRODUCTS

REAGENTS HANDLED

- Reducing agents - NaBH₄ ,LiBH₄ ,Pd-C/Hydrogen ,Pd(OH)₂ ,SOCl₂ ,COCl₂ ,POCl₃, PCL₅, Raney Ni etc.
- Bromine ,Cl₂ ,NaCN, Oxidizing agents - DMP, swern oxidation, etc.
- Pyrophoric reagent- CaH, NaH, Grignard reagents.
- Coupling reagents- HOBt,

REACTIONS HANDLED

- Reduction & Oxidation Reactions, Hydrolysis, Acylation, Cyclization reactions, Halogenation reactions, Protection and de-protection of amines & Hydroxy groups, Acid-amine coupling.

JOB RESPONSIBILITIES

- Literature search.
- Technology transfer and trouble shooting at R&D.
- Synthesis, purification, isolation by various techniques, structural elucidation and characterization of organic compounds.
- Proper handling of various types of raw materials, storage & their waste disposal.
- Maintaining proper documentation & lab equipment's.
- Maintaining a group of chemists and handling projects.

HIGHLIGHT

- Purification of compound without column.
- Handle a combiflash column and Revers-phase column.
- Good experience in designing multi-step organic synthesis.
- Isolation, crystallization, purification & structural determination of various kinds of organic compounds using techniques like NMR, LCMS, and Mass. • Ability to work independently as well as to interact within multidisciplinary team.

COMPUTER KNOWLEDGE

- Basic knowledge of computer and Proficient in Ms-Office.
- Searching literature through Google patent, SciHub , Scifinder • Chemdraw.

STRENGTHS

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- Good Communication Skills
 - Quick learner and Adaptive to New Technologies.
 - Hardworking, able to do troubleshooting
 - Able to work well in a team and coordinate activities across different functions.

Personal Profile

Name : **Sunil Devidas Ahire**
Father's Name : **Devidas Arjun Ahire**

Date of Birth : 07-06-1998
Marital Status : Unmarried
Languages Known : Hindi, English, Marathi
Nationality : Indian
Address : At/ Daskebardi tal. Chalisgaon, Dist
Jalgaon, Mah.-424107

SUMMARY

I am a hardworking and ambitious person and am willing to do any amount of work and responsibilities and I am confident that I can perform my duties and responsibilities to fullest satisfaction of all concerned.

I shall be pleased to provide any further information you may need.

Place: Hyderabad

Date:

(Sunil Ahire)