

AKSHAY B. GAWAS

(RESEARCH EXECUTIVE)

CONTACT

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EDUCATION

M.Sc. (Organic Chemistry)
passed with 61.95% in
January 2017 from S.P. Pune
University (ModernCollege,
Ganeshkhind, Pune).

B.Sc. (Chemistry) passed
With 73.07% in march 2014
Mumbai University
(S.P.K. College Sawantwadi).

INSTRUMENTS HANDELED

Autoclave pressure reactors.

Fix Bed reactor.

DIEHM glass reactor and distillation
setup.

pH meter, Density meter

Parallel autoclave reactor

INTERESTS

Travel
Trekking
Painting
Reading

PROFILE

- An astute and result oriented professional with more than 6 **years** of experience in R&D, Process development, Manufacturing support.
- Knowledge and experience in commissioning of **Active ingredients and intermediates** from lab to pilot/kilo to plant scale.
- Successfully commissioned products involving reactions like Grignard reaction, Reduction, Bromination, Chlorination, condensation and cyclisation.
- Expertise in handling hazardous chemicals like Chlorine, Bromine, Carcinogenic chemicals etc.
- Handled pressure autoclave at 40 kg pressure.
- Basic understanding of Chemical reaction hazards and fire & explosion hazards.
- Working successfully with extended cross functional teams like process risk assessment, analytics, engineers and plant & sourcing team.
- Effective planning, organizational and interpersonal skills. Quick learner who can adapt to new responsibilities.

EXPERIENCE

RESEARCH EXECUTIVE

AARTI INDUSTRIES LTD

KOPERKHAIRANE

- Manage daily laboratory activities adhering to high safety, health & hygiene, environmental standards.
- Paper costing.
- Systematically document results in protocols with compliance to quality data management.
- Familiarity and handling skills of Lab reactors, equipment and accessories.
- Has worked in shifts in highly aggressive R&D set up managing time bound projects with success.
- Capable of conducting experiments involving fractional distillations using packed column.
- Preparing a summary of the experiments, generating weekly reports and submitting the same to the top management. (Manager)

RESEARCH AND DEVELOPMENT OFFICER**ASTEC LIFESCIENCES LTD. (GODREJ AGROVET LTD)****DOMBIVALI**

- Conducting a literature survey via Internet, Chemical abstract etc.
- Actively involved in selecting a proper route of synthesis, arranging the raw materials, handling of chemicals and mass balance.
- Handled pressure autoclave.
- Well versed with GC, HPLC, GCMS to understand the quality of input/ raw material, progress of reaction and finished product.
- Working on cost reduction projects like batch cycle time reduction, Yield improvement, waste recycle, alternate vendor development etc.
- Maintaining safety standards during experimentation and MSDS of Chemicals used in the laboratory.
- Complies & Publish technical reports of laboratory work.

LAB ANALYST**RELIANCE INDUSTRIES LTD****GHANSOLI**

- Organic synthesis like Oxidative carbonylation etc.
- Hydrotreating reaction.
- Ensure reaction setup as planned.(reaction assembly, Distillation, filtration, reaction workup etc.)
- Quick screening of vendor's catalysts as well as In-house catalyst in high pressure high temperature fix bed catalyst evaluation unit(Pilot Plant).
- Record observations for improvement of experiments.
- Maintain proper housekeeping and stack all chemicals and glassware as 5'S'.(Sort, Set in order, Shine, Standardize, Sustain)
- Maintain GLP and safety practices.

QUALITY CONTROL OFFICER**CIPLA PHARMACEUTICALS LTD****GOA**

- Sampling of Raw material, finished product and Packing material.
- Documentation and lab support.