

Chemical Research Division

Position: Research Associate / Sr. Research Associate /Executive / Sr. Executive

Work Area: Chemical Research Division

Experience: 1-5 years

Qualification: M.Sc. /Ph.D. in Chemistry (Organic Chemistry/Medicinal Chemistry/Industrial Chemistry)

Work Location: Bommasandra (API R&D)

Roles and Responsibilities:

- Candidates must have knowledge of synthetic organic chemistry.
- Perform literature search for the identified API molecule with regard to its route of synthesis, polymorph and analytical methods.
- Perform experimental trials for feasibility/optimization for designed RoS for API molecules.
- Document the experiments in laboratory notebook (LNB) and the corresponding analytical results in the data folder.
- Design the RoS for synthesis of impurities, isolation/synthesis of impurities, reference standard.
- Follow safety requirements (self and work place) during the product development.
- Develop the non-infringing synthetic process based on literature and raw material availability and polymorph studies.
- Plan the day to day activities for team members for feasibility studies, optimization and Lab validation.
- Optimize the feasible route and develop an amiable process for scale-up.
- Coordination with the ARD team for analytical activities like method development, in-process, reference standards qualification.
- Perform lab validation and preparation of technology transfer documents.
- Plant support for trial & validation batches.
- Troubleshooting of plant concerns.
- Handle customer & regulatory queries in a timely manner.