

**A) Research Chemist / Sr. Research Chemist (Process Chemistry R&D)**

**Job Summary**

Position- Research Chemist / Sr. Research Chemist (R&D Synthesis)

Experience: 0-5 Years

Qualification: M.Sc. (Organic Chemistry)

**Responsibilities and Duties**

- Ensure safety at work place
- Perform the experimentation under the supervision of seniors.
- Collect literature for relevant steps.
- Ensure that laboratory note book (LNB) entries and sample submission are carried out in accordance with the Institute SOPs
- Update the lab chemical list and chemical arrangements periodically.
- Calibration of laboratory instruments such as pH meter, weighing balance etc.

**Job Type: Full-time**

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**B) Research Associate (Process Chemistry R&D)**

**Job Summary**

Position-Research Associate (R&D Synthesis)

Experience: 5-8 Years

Qualification: M.Sc. (Organic Chemistry)

**Responsibilities and Duties**

- Ensure safety at work place
- Conducting the day to day experimentations
- Interpretation of NMR spectra and HPLC chromatograms
- Ensure consistency and repeatability of process to get acceptable yield and quality
- Preparation of project presentation for internal chemistry meeting and maintain research records

**Job Type: Full-time**

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**C) Scientist / Senior Scientist (Process Chemistry R&D)**

**Job Summary**

Position-Research Associate (R&D Synthesis)

Experience: 10-15 Years

Qualification: Ph.D

**Responsibilities and Duties**

- Apply scientific knowledge to projects while following SOPs and other internal regulations.
- Analyse observations and data, evaluate results, form conclusions, and provide/implement process or document improvement.
- Independently design and execute a series of experiments to test hypotheses related to project outcomes.
- Conceive/design/plan/coordinate studies required to arrive at an unambiguous or scientifically acceptable conclusion.
- Optimize reaction conditions and troubleshoot technical issues.
- Maintain complete and comprehensive records of experimental results.
- Write experimental summaries and project reports. Assist with revisions to SOPs, laboratory records and other documentation as assigned.
- Present technical findings/conclusions and project status updates.
- Actively participate in routine maintenance and lab safety.
- Prioritize studies and activities to align with project goals and be responsible for timely project completion.
- Assist in the training/coaching of new scientists. Provide technical and scientific leadership to other team members.
- Maintain a high level of professional expertise by staying current with scientific literature.
- Troubleshoot chemical methods and day to day operations and maintenance.
- Perform other duties as assigned.

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Qualified and interested candidates may submit their curriculum vitae by e-mail to [hr@drils.org](mailto:hr@drils.org) on or before 24<sup>th</sup> March 2023.