

Job Description – Analytical Chemist (Research) (GC-MS)

Code: RRIL-RnI-06

Background information:

- **revalyu** resources GmbH (www.revalyu.com) owns patent for a proprietary chemical recycling process which transforms waste polyethylene terephthalate (PET) bottles back into high quality esters. These esters are indistinguishable from esters derived from virgin petrochemicals.
- **revalyu** recycling (India) Ltd. operates an industrial scale plant in Nashik where this patented process is used to recycle waste plastic (PET) bottles into 100% recycled PET resin and polyester filament yarns. The Nashik plant has capacity of around 48000 tonnes of plastic bottle waste per year and operates on a continuous 24/7 basis.
- The recycled PET resin and filament yarns produced by **revalyu** are integrated in the supply chain of many leading brands such as adidas, Decathlon, The North Face, Ikea etc.
- **revalyu** Recycling (India) Ltd. is currently expanding its manufacturing capacity and is setting up an in-house Research and Innovation (R&I) Centre.
- R&I team will be empowered to develop new and existing products with unique features and competitive advantage and develop efficient manufacturing processes. The team is looking to fill following positions.

Position: Analytical Chemist (Research) (GC-MS)

Location: Nashik (near Dindori)

Starting Date: August 2025

Travel: Yes, ≤ 10%

Salary and Benefits: Commensurate with experience

Role Description:

The Analytical Chemist (Research) (GC-MS) will be a part of Research and Innovation (R&I) team and will be responsible for following activities:

- Maintenance and troubleshooting of Gas Chromatography – Mass Spectrometry (GC-MS) [Make: PerkinElmer; Model: Clarus 690 GC and Clarus SQ 8T MS].
- Method development and validation for analysis, detection, and characterisation of various organic and polymer molecules on GC-MS.
- Hands-on and rich experience with Mass Spectrometry (MS) and GC-MS is a must.
- Experience with Gel Permeation Chromatography (GPC) would be a significant plus.
- Experience with organic and polymer synthesis and/or polymer testing (such as DSC, UTM, etc.) would be a significant plus.

Desired Profile:

❖ Education and Experience:

- B.Sc. or M. Sc. or B. Tech or M. Tech. (2-5 years of experience)
 - Analytical Chemistry / Organic Chemistry / Polymer Technology / Polymer Chemistry
- Quality industrial / academic research experience in Gas Chromatography and Mass Spectrometry (GC-MS) instrumentation and method development.
- Excellent bench wet chemistry skills – synthesis, purifications, titrations, etc. would be a plus.
- Well-versed with handling of and data analysis from analytical instruments.

❖ Functional Competencies:

- Excellent experimental skills
- Organized and structured approach towards problem solving
- Capable of working with team members from complimentary and diverse skill sets
- Strong analytic ability and logical reasoning
- Excellent communication skills

Apply at: Candidates are requested to send their resumes to HR Team at:

K/A: Mr. Dattatray More; Email: dattatray.more@revalyu.in

E-mail subject: "Resume – RRIL – RnI-06"