



Job Description – Research Chemist

Code: RRIL-Rni-03

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 12000 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: Research Chemist

Location: Nashik (near Dindori)

Starting Date: February 2023

Travel: Yes, 10%

Salary and Benefits: Commensurate with experience

Role Description:

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

- Developing understanding of different materials used in various textile types and applications (their chemistry, function, and usage in manufacturing)
- Analysis of polymer, processing additives, yarns, and fabrics by various analytical tools
- Melt spinning of recycled polymer to produce filament yarns on pilot scale
- Actively contribute towards team's effort on ideation and execution of new projects that would help in generating new IP, products, and competitive advantage
- Active participation in implementation of EHS practices in lab

Desired Profile:

❖ Education and Experience:

- B. Tech. (Textile or Polymer or Paint or Coating) + (2 to 4) years of experience
- Quality industrial / research experience in textile industry
- Fundamental understanding of various unit operations in chemical engineering; prior experience in process design is preferred
- Well-versed with various chemical analysis techniques



❖ 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. Sachin Sonawane; sachin.sonawane@revalyu.in

E-mail subject: "Resume – RRIL – RnI-03"