DR.REDDY'S
INSTITUTE OF LIFE SCIENCES

Applications invited at Dr. Reddy's Institute of Life Sciences

Position: Senior Research Scientist / Associate Principal Research Scientist – Polymorphism & Solid-State Chemistry (CPRI)

Dr. Reddy's Institute of Life Sciences invites applications from experienced researchers for the position of **Senior Research Scientist / Associate Principal Research Scientist** in Polymorphism and Solid-State Chemistry at CPRI.

We are looking for a scientist with strong expertise in pharmaceutical solid-state chemistry, polymorphism, and crystallisation process development. The ideal candidate should have hands-on experience in developing solid forms, scaling up crystallisation processes, and working with amorphous solid dispersions. The selected candidate will also play an important role in strengthening CPRI's research capabilities and developing new expertise in continuous crystallisation.

Educational Qualifications and Experience

- PhD in Chemistry, Pharmaceutical Sciences, Crystal Engineering, or a related discipline, with hands-on experience in solid-state chemistry and polymorphism*.
- Proven experience in taking solid forms from initial screening through to the development of scalable and controlled crystallisation processes.
- Practical experience in the development of amorphous solid dispersions.
- Working knowledge of continuous crystallisation principles, along with an interest in developing this capability at CPRI.
- Strong expertise in interpreting PXRD and thermal analysis data, with working knowledge of single-crystal structure determination.

Key Responsibilities

- **Known and novel forms:** Develop a scalable, reproducible route to a known crystalline form, or discover and develop a novel polymorph, salt, co-crystal or amorphous form, and show it is stable.
- **Crystallisation process development:** deliver processes that control form, particle size and purity through scale-up.
- **Continuous crystallisation (new capability):** lead CPRI's entry into this area.
- **Amorphous solid dispersions:** polymer and drug-loading selection and physical-stability assessment.
- **IP:** track and understand the priorart landscape to shape a suitable form and process strategy.
- **Building the group:** hire and develop the team and plan the instrumentation roadmap.

Desirable Experience

- Hands-on experience in continuous crystallisation.
- Exposure to computational tools relevant to crystal engineering and solid-state chemistry.
- Familiarity with polymorph-related patents, particularly for generic APIs.
- A strong publication or patent record in crystal engineering or pharmaceutical solid-state chemistry.

Compensation and Experience

- Salary will be as per institute norms.
- Candidates with **2–3 years of relevant industrial experience** are preferred.

Interested and eligible candidates are requested to send their updated CV to: **Email:** hr@drils.org

Last date for application: December 10, 2026

Email subject: Polymorphism & Solid-State Chemistry

We look forward to hearing from researchers who are passionate about pharmaceutical solid-state science and interested in contributing to the development of advanced research capabilities at CPRI.