

## JOB DESCRIPTION

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**ROLE:** Sr. Research Scientist (**Pellets and MUPS formulations**)

**SALARY AND BENEFITS:** Negotiable

**REPORTS TO:** Head - F&D

**LOCATION:** Vadodara

**TIME:** 12.00pm to 9.00pm (IST)

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### PRIMARY RESPONSIBILITIES:

- Formulation and Development of Solid and liquid oral dosage forms particularly **Pellets and MUPS formulations**.
- Conducting Literature search and preparation of Literature Report, Patents evaluation and making non-infringing formulation strategies.
- Innovator product characterization, Pre-formulation studies and reverse engineering studies.
- Conducting API characterization and preparing Prototype formulations.
- Evaluation of dissolution profiles and comparison with Innovator formulation.
- Evaluating trial batch results scientifically, accordingly planning for further experiments.
- Formula and Process Optimisation studies.
- Execution of TT demo batches and scale up studies.
- Stability studies and Data interpretation.
- Documentation as per regulatory requirements (MFC, Specifications, Product Development Report, etc.)
- Monitoring validation batches in plant.
- Effective co-ordination with all the cross functional departments for smooth flow of work.

### SECONDARY RESPONSIBILITIES:

- Develop & implement processes to bring out efficiencies in the delivery of projects.

### ESSENTIAL EXPERIENCE, SKILLS AND ABILITIES:

- Expertise in formulation development & technology transfer of solid oral dosage forms, **specifically Pellets and MUPS formulations for Regulated & Semi-regulated Markets**.
- Hands on experience in QbD & DoE.
- Knowledge of ICH, USFDA, EMA & SUPAC guidelines for generic product development.