

## Qualification & Eligibility Criteria

**Position:** Junior Research Fellow (JRF)

**Project Title:** Evaluation of *Ricinus communis* L.-Derived Biopesticides for Managing Blight Disease and Enhancing Productivity of *Cuminum cyminum* L. under Agroclimatic Stress Conditions in Gujarat

**Funding Agency:** Gujarat State Biotechnology Mission (GSBTM)

**Project Duration:** 3 Years

### Essential Qualifications:

M.Sc. in Biotechnology / Life Sciences or equivalent with minimum 55% marks. Candidates who have qualified CSIR-NET / UGC-NET / GATE will be given preference.

### Desirable Qualifications:

- Experience in plant pathology, microbial culture techniques, phytochemical analysis, or biopesticide formulation.
- Knowledge of field trials, biochemical assays, greenhouse experiments, and molecular techniques.
- Ability to conduct independent research and field-based work in agricultural locations of Gujarat.

### Job Responsibilities:

- Preparation and extraction of *Ricinus communis*-derived biopesticide formulations.
- Conducting laboratory and field experiments on blight disease management in *Cuminum cyminum*.
- Performing microbial assays, plant growth measurements, biochemical and physiological evaluations.
- Data collection, statistical analysis, report writing, and assisting in project documentation.
- Supporting project-related activities, presentations, and manuscript preparation.