



Position Title: Jr. Research Associate
Based at: New Delhi - India
Reports to: Head Technical
Indirect Report (dotted line): Sr. Research Fellow
Function: Research & Development
Number of Direct Reports: None
Monthly Remuneration: Rs.32,000/-p.m.(All inclusive)

Job description

Overview of Position:

The post holder will contribute their knowledge and experience (if any) with reporting manager to undertake research, dialogue and learning activities which support farmers to practice profitable agriculture by providing increased crop productivity, improved efficacy of conventional fertilizer and a reduced environment footprint for all.

The post holder will work closely with his/her supervisor who in turn reports to Biotrends team, global and local partners, and other stakeholders to use evidence-based research to inform and influence policy and practice, and communicate research findings.

The role holder will always help/assist/support and work in co-ordination with his supervisor who has full operational responsibility for product wise research project using the facilities provided by BSC Bionest Bio-incubator (BBB).

Primary Accountability and Responsibilities:

To assist & execute following roles & responsibilities under the guidance of the Sr. Research Fellow.

- To assist in carrying out new product identification, registration, licensing and documentation (Up to production scale).
- Execution of routine analysis on day to day basis and provide support.
- Support in strengthening of existing process (Bio) to improve the product quality.
- Follow SOP/ STP for regulatory compliance and actual practice.
- Develop policy recommendations based on research evidence
- Develop an expertise on new policy developments in key research areas
- Help in generating data & information after critically evaluate for authorities as and when required to develop appropriate conclusions
- Ensure all records/ documents are maintained in compliance to regulatory requirements.
- Exploration of new technology (Nano tech, multivalent bio based pesticides etc.).
- Work with team members and the Partnership team to win new business opportunity and generate new ideas for fundable, policy-focused research projects and bring these ideas to market
- Always help in writing high quality research proposals
- Build relationships with key funders and policymakers
- Support Sr. Colleagues in developing their research techniques;
- Identify own development needs and seek new skills and knowledge
- Manage time effectively to meet tight deadlines
- Budget and financial management (maintain and set up project plans)



Experience:

The role holder would have at least Zero- Two years of postdoctoral research experience at the level of Research Associate, or equivalent experience.

Will continually update knowledge in the specialist area and engage in continuing professional development.

Education:

Preferably PhD with significant relevant experience

Area of Concentration: **Microbiology, Biotechnology, Toxicology, or other related agriculture sciences.**

Required Skills or Abilities:

- Fluency in English is essential
- Writing skills on preparing regulatory or technical reports, scientific white papers, peer reviewed articles
- Basic knowledge of Agriculture, plant protection and pesticide
- Knowledge of Technology background and commercial will be added advantage
- Familiarity with Regulatory Affair and Good Laboratory Practice
- Effective interpersonal relations and be a team player
- Strong aspiration to win with creativity and innovation
- Customer focus with emphasis on knowledge of crop inputs
- Strong presentation and MS office skills and experience
- Ability to coordinate with cross functional and cross-cultural teams

Position Title: Sr Research Fellow / Sr. Research Associate
Based at: New Delhi - India
Reports to: Head Technical
Indirect Report (dotted line): To be decided
Function: Research & Development
Number of Direct Reports: One
Monthly Remuneration: Rs.42,000/-p.m. (All Inclusive)

Job Description

Overview of Position:

The post holder will apply their knowledge and experience on plant based green biotechnology access and stakeholder engagement to undertake research, dialogue and learning activities which support farmers to practice profitable agriculture by providing increased crop productivity, improved efficacy of conventional fertilizer and a reduced environment footprint for all.

The post holder will work closely with the Biotrends team, global and local partners, and other stakeholders to use evidence-based research to inform and influence policy and practice, and communicate research findings through publications. The post holder will be responsible for leading on existing action research and stakeholder dialogue projects.

Contribution to excellence in research will be at the level of an experienced and skilled researcher demonstrating a high level of competence and an independent standing in research. The role holder may have full operational responsibility for product wise research project using the facilities provided by BSC Bionest Bio-incubator (BBB) and may hold research activities in his/her own right as instructed by the reporting manager. The role holder will participate in the overall contribution of the department/faculty as appropriate and shall report to Head of Technology of Biotrends on regular interval.

Primary Accountability and Responsibilities:

1. Research

- Manage major research projects / evaluations to time and budget
- New product identification, registration, licensing and documentation (Up to production scale).
- Fermentation/Process optimization, Formulation Development, Process Validation & Technology Transfer to next dept.
- Strengthening of existing process (Bio) and improvement of product quality.
- Development of SOP/ STP, wherever require. Review of SOPs for regulatory compliance and actual practice.
- Critically evaluate data and information and develop appropriate conclusions
- Develop policy recommendations based on research evidence
- Develop an expertise on new policy developments in key research areas
- Data generation for authorities as and when ever required.
- Ensure all records/ documents are maintained in compliance to regulatory requirements.
- Exploration of new technology (Nano tech, multivalent bio based pesticides etc.).
- Technical correspondence regarding information exchange, product information, facility information etc. within organization and outside organization.
- Scientific project writing for funding from federal bodies (DBT, CSIR, DST, BIRAC).

2. Business development and ideas generation

- Identify new business opportunities and work with team members and the Partnership team to win new work
- Generate new ideas for fundable, policy-focused research projects and bring these ideas to market
- Write high quality research proposals
- Build relationships with key funders and policymakers

3. Management of self and others.

- Lead and motivate a group of highly qualified, experienced and cross functional workforce.
- Mentor colleagues with less experience and advice on personal development; coach and support colleagues in developing their research techniques;
- Identify own development needs and seek new skills and knowledge
- Manage time effectively to meet tight deadlines
- Budget and financial management (maintain and set up project plans)

Experience:

The role holder would have at least two - three years of postdoctoral research experience at the level of Research Associate, or equivalent experience.

The role holder would possess sufficient breadth/depth of specialist knowledge in the discipline and of research methods and techniques to develop research objectives, projects and proposals.

Will continually update knowledge in the specialist area and engage in continuing professional development.

Experience of managing own workload.

Education:

Preferably PhD in pertinent scientific field or PhD with significant relevant experience

Area of Concentration: **Microbiology, Biotechnology, Toxicology, or other related agriculture sciences.**

Required Skills or Abilities:

- Fluency in English is essential
- Excellent writing skills; experience in preparing regulatory or technical reports, scientific white papers, peer reviewed articles
- Agriculture, plant protection and pesticide knowledge is a must
- Strong technology background and commercial knowledge
- Regulatory Affair Knowledge
- Familiar with Good Laboratory Practice
- Personal leadership and interpersonal effectiveness
- Change management skills
- Strong aspiration to win with creativity and innovation
- Customer focus with emphasis on knowledge of crop inputs
- Strong presentation and MS office skills and experience
- Ability to coordinate with cross functional and cross-cultural teams