

**Day-to-day responsibilities for microbiologist:**

1. Conduct research on various microbiological activities on a regular basis.
2. Be aware of the agriculture microbes and their importance as biofertilizers, biocontrol agents, bio-stimulants, etc.
3. Be aware of plant pathogens and their control using various potential and effective treatment processes, including biocontrol agents.
4. Knowledge of basic microbiology laboratory practices such as laboratory cleaning, glass-ware sterilization, inoculation, culture ware sterilization, media preparation, sterilization, serial dilution, maintenance, etc.
5. Isolation, purification, and screening of various microorganisms as per their functionality.
6. Development of the protocol for economically mass-scale production of the potential applicable microorganism
7. Laboratory as well as pilot-scale field-level analysis to screen potential microorganisms
8. Be aware of the development of a microbial consortium with a combination of potential microorganisms.
9. Monitor all physiological and morphological characteristics and identify microorganisms.
10. Develop and maintain validation for all protocols for various environmental samples.
11. Perform a laboratory analysis on all materials after appropriate sterilization.
12. Develop and prepare research papers and documents for all protocols.
13. Perform audits on various environmental programs and perform reviews.
14. Maintain accurate records and perform tests on all activities conducted in the laboratory.
15. Develop and document various microbiology laboratory processes and prepare final reports.

**Educational qualification:**

M.Sc. Plant pathology, Microbiology, Biotechnology

**Application Instructions:** Send your resume or cover letter to [hdivya963@gmail.com](mailto:hdivya963@gmail.com)

**Last date to apply:** Immediate hiring