

## Soil Microbiology Industrial Training Program

The Soil Microbiology Industrial Training Program focuses on the application of soil microbiology in industrial settings. Participants gain practical experience in biofertilizer production, microbial bioremediation, and quality control protocols for industrial-scale operations.

**Note: Below modules are designed keeping high end industrial professionals into consideration. Please refer individual protocols below for affordable prices.**

### Biofertilizer Production and Quality Control

**Kindly review the fees outlined for the individual protocols listed in this module.**

- Formulation and preparation of biofertilizers
- Testing microbial viability in biofertilizer products
- Standard operating procedures for biofertilizer production
- Quality control and certification protocols for biofertilizers

### Bioremediation Applications in Industry

**Kindly review the fees outlined for the individual protocols listed in this module.**

- Industrial-scale techniques for bioremediation of soil pollutants
- Monitoring microbial activity in contaminated soils
- Application of bioremediation in mining and oil industries
- Case studies on successful bioremediation projects in industry

### Microbial Production Systems

**Kindly review the fees outlined for the individual protocols listed in this module.**

- Fermentation techniques for soil microbial products
- Microbial inoculants for pest control and soil fertility

- Using bioreactors for microbial product development
- Case studies on industrial microbial production processes

## **Quality Assurance in Soil Microbiology**

**Kindly review the fees outlined for the individual protocols listed in this module.**

- Protocols for maintaining genetic stability in microbial strains
- Documentation and compliance with industrial standards
- Testing and validation of microbial products
- ISO standards for industrial microbiology processes

## **Sustainable Practices in Industrial Soil Microbiology**

**Kindly review the fees outlined for the individual protocols listed in this module.**

- Eco-friendly practices in industrial microbiology
- Minimizing environmental impact of microbial production
- Innovative approaches for sustainable biofertilizer production
- Industrial applications of circular economy in microbiology

## **Individual Protocols Under Soil Microbiology Industrial Training Program**

1. Isolation of nitrogen-fixing and phosphate-solubilizing bacteria | **Fee: Contact for fee**
2. Formulation and preparation of biofertilizers | **Fee: Contact for fee**
3. Testing microbial viability in biofertilizer products | **Fee: Contact for fee**
4. Standard operating procedures for biofertilizer production | **Fee: Contact for fee**
5. Quality control and certification protocols for biofertilizers | **Fee: Contact for fee**
6. Selection and optimization of microbes for bioremediation | **Fee: Contact for fee**
7. Industrial-scale techniques for bioremediation of soil pollutants | **Fee: Contact for fee**
8. Monitoring microbial activity in contaminated soils | **Fee: Contact for fee**
9. Application of bioremediation in mining and oil industries | **Fee: Contact for fee**
10. Case studies on successful bioremediation projects in industry | **Fee: Contact for fee**
11. Scale-up of microbial cultures for industrial applications | **Fee: Contact for fee**
12. Fermentation techniques for soil microbial products | **Fee: Contact for fee**
13. Microbial inoculants for pest control and soil fertility | **Fee: Contact for fee**
14. Using bioreactors for microbial product development | **Fee: Contact for fee**
15. Case studies on industrial microbial production processes | **Fee: Contact for fee**

16. Contamination control in industrial-scale operations | **Fee: Contact for fee**
17. Protocols for maintaining genetic stability in microbial strains | **Fee: Contact for fee**
18. Documentation and compliance with industrial standards | **Fee: Contact for fee**
19. Testing and validation of microbial products | **Fee: Contact for fee**
20. ISO standards for industrial microbiology processes | **Fee: Contact for fee**
21. Recycling and reuse of microbial by-products | **Fee: Contact for fee**
22. Eco-friendly practices in industrial microbiology | **Fee: Contact for fee**
23. Minimizing environmental impact of microbial production | **Fee: Contact for fee**
24. Innovative approaches for sustainable biofertilizer production | **Fee: Contact for fee**
25. Industrial applications of circular economy in microbiology | **Fee: Contact for fee**

**Please contact on +91-8977624748 for more details**

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