

Environmental Sciences Basic Training Program

The Environmental Sciences Basic Training Program provides practical skills in environmental science, including field sampling, pollution control, and data collection techniques. It's tailored for newcomers seeking hands-on experience in environmental monitoring and sustainability.

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

Field Sampling and Environmental Monitoring

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

- Air quality measurement using portable devices
- Soil sampling methods for nutrient and contaminant analysis
- Field data recording and sample labeling
- Introduction to biomonitoring with indicator species

Basic Laboratory Techniques

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

- Using spectrophotometry for soil and water analysis
- Sample preparation for chemical and biological testing
- Microscopic examination of soil and water samples
- Laboratory safety protocols and PPE usage

Pollution Control and Waste Management Practices

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

- Hands-on training in small-scale wastewater treatment setups
- Recycling techniques and composting basics
- Introduction to biofilters for air pollution control

- Field visit to a waste management facility

Basic Ecosystem Monitoring Techniques

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

- Measuring soil moisture and organic content
- Plant identification and vegetation cover assessment
- Setting up pitfall traps for monitoring soil fauna
- Data collection on local flora and fauna diversity

Climate Science Basics and Data Collection

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

- Data logging for climate variables in different habitats
- Setting up weather stations and reading climate data
- Identifying climate indicators in plants and soils
- Introduction to carbon footprint calculators

Introduction to Environmental Data Analysis

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

- Creating basic graphs and charts from environmental data
- Calculating mean, median, and standard deviation in data sets
- Data interpretation exercises in soil, water, and air quality
- Preparing simple environmental reports and findings

Hands-On Sustainable Practices

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

- Water conservation practices and rainwater harvesting basics
- Planting and maintaining native plant species
- Simple energy-saving techniques for home and work
- Introduction to eco-friendly materials and products

Environmental Health and Safety Basics

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

- Emergency response exercises for environmental incidents
- Identification of safe vs. hazardous materials
- Simple risk assessment in lab and field settings
- Maintaining lab notebooks and safety documentation

Field Visits and Practical Experience

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

- Site visit to an industrial facility for pollution control insights
- Field visit to a recycling center or landfill
- Exposure to conservation areas for hands-on biodiversity studies
- Networking with professionals and community members in environmental roles

Public Awareness and Communication Skills

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

- Organizing community workshops on recycling
- Basic communication exercises on environmental topics
- Creating informative leaflets on local environmental issues
- Engaging in community clean-up events

Individual Protocols Under Environmental Sciences Basic Training Program

1. Water sampling techniques in rivers and lakes | **Fee: 12000 (Rupees Twelve Thousand)**
2. Air quality measurement using portable devices | **Fee: 18000 (Rupees Eighteen Thousand)**
3. Soil sampling methods for nutrient and contaminant analysis | **Fee: 25000 (Rupees Twenty Five Thousand)**
4. Field data recording and sample labeling | **Fee: 6500 (Rupees Six Thousand Five Hundred)**

5. Introduction to biomonitoring with indicator species | **Fee: 12000 (Rupees Twelve Thousand)**
6. Basic water quality tests (pH, dissolved oxygen, turbidity, etc) | **Fee: 13000 (Rupees Thirteen Thousand)**
7. Using spectrophotometry for soil and water analysis | **Fee: 22000 (Rupees Twenty Two Thousand)**
8. Sample preparation for chemical and biological testing | **Fee: 9000 (Rupees Nine Thousand)**
9. Microscopic examination of soil and water samples | **Fee: 12000 (Rupees Twelve Thousand)**
10. Laboratory safety protocols and PPE usage | **Fee: 11000 (Rupees Eleven Thousand)**
11. Waste segregation and handling in lab settings | **Fee: 18000 (Rupees Eighteen Thousand)**
12. Hands-on training in small-scale wastewater treatment setups | **Fee: 35000 (Rupees Thirty Five Thousand)**
13. Recycling techniques and composting basics | **Fee: 12000 (Rupees Twelve Thousand)**
14. Introduction to biofilters for air pollution control | **Fee: 18000 (Rupees Eighteen Thousand)**
15. Field visit to a waste management facility | **Fee: 11000 (Rupees Eleven Thousand)**
16. Biodiversity assessment through quadrat and transect methods | **Fee: 28000 (Rupees Twenty Eight Thousand)**
17. Measuring soil moisture and organic content | **Fee: 16000 (Rupees Sixteen Thousand)**
18. Plant identification and vegetation cover assessment | **Fee: 29000 (Rupees Twenty Nine Thousand)**
19. Setting up pitfall traps for monitoring soil fauna | **Fee: 26000 (Rupees Twenty Six Thousand)**
20. Data collection on local flora and fauna diversity | **Fee: 12000 (Rupees Twelve Thousand)**
21. Measuring temperature, humidity, and rainfall in field settings | **Fee: 29000 (Rupees Twenty Nine Thousand)**
22. Data logging for climate variables in different habitats | **Fee: 45000 (Rupees Forty Five Thousand)**
23. Setting up weather stations and reading climate data | **Fee: 65000 (Rupees Sixty Five Thousand)**
24. Identifying climate indicators in plants and soils | **Fee: 28000 (Rupees Twenty Eight Thousand)**
25. Introduction to carbon footprint calculators | **Fee: 18000 (Rupees Eighteen Thousand)**
26. Data entry and organization in Excel or similar software | **Fee: 5000 (Rupees Five Thousand)**
27. Creating basic graphs and charts from environmental data | **Fee: 5000 (Rupees Five Thousand)**
28. Calculating mean, median, and standard deviation in data sets | **Fee: 7000 (Rupees Seven Thousand)**
29. Data interpretation exercises in soil, water, and air quality | **Fee: 14000 (Rupees Fourteen Thousand)**

30. Preparing simple environmental reports and findings | **Fee: 9000 (Rupees Nine Thousand)**
31. Building and using a DIY composting setup | **Fee: 15000 (Rupees Fifteen Thousand)**
32. Water conservation practices and rainwater harvesting basics | **Fee: 15000 (Rupees Fifteen Thousand)**
33. Planting and maintaining native plant species | **Fee: 1200 (Rupees One Thousand Two Hundred)**
34. Simple energy-saving techniques for home and work | **Fee: 5000 (Rupees Five Thousand)**
35. Introduction to eco-friendly materials and products | **Fee: 8000 (Rupees Eight Thousand)**
36. Handling environmental hazards with PPE | **Fee: 18000 (Rupees Eighteen Thousand)**
37. Emergency response exercises for environmental incidents | **Fee: 28000 (Rupees Twenty Eight Thousand)**
38. Identification of safe vs. hazardous materials | **Fee: 28000 (Rupees Twenty Eight Thousand)**
39. Simple risk assessment in lab and field settings | **Fee: 28000 (Rupees Twenty Eight Thousand)**
40. Maintaining lab notebooks and safety documentation | **Fee: 15000 (Rupees Fifteen Thousand)**
41. Guided field trip to a local water body for sampling | **Fee: 9000 (Rupees Nine Thousand)**
42. Site visit to an industrial facility for pollution control insights | **Fee: 22000 (Rupees Twenty Two Thousand)**
43. Field visit to a recycling center or landfill | **Fee: 9000 (Rupees Nine Thousand)**
44. Exposure to conservation areas for hands-on biodiversity studies | **Fee: 35000 (Rupees Thirty Five Thousand)**
45. Networking with professionals and community members in environmental roles | **Fee: 25000 (Rupees Twenty Five Thousand)**
46. Preparing environmental awareness posters | **Fee: 15000 (Rupees Fifteen Thousand)**
47. Organizing community workshops on recycling | **Fee: 25000 (Rupees Twenty Five Thousand)**
48. Basic communication exercises on environmental topics | **Fee: 25000 (Rupees Twenty Five Thousand)**
49. Creating informative leaflets on local environmental issues | **Fee: 25000 (Rupees Twenty Five Thousand)**
50. Engaging in community clean-up events | **Fee: 25000 (Rupees Twenty Five Thousand)**

Please contact on +91-8977624748 for more details

Cant Come to Hyderabad? No Problem, You can do it in Virtual / Online Mode