



# Two Days Training Program for Testing of Personnel on Microbiological, Water and Environmental Quality Parameters

**DATE : 6-7<sup>th</sup> March 2026**

**Venue: NITRA, GHAZIABAD**

## PROGRAM OBJECTIVE

- To familiarize participants with microbiological testing methods for textiles and water testing as per international and Indian standards.
- To understand the principles, scope, and applications of each test method.
- To build competency in conducting tests, interpreting results, and ensuring compliance
- To promote quality assurance and regulatory adherence in textile antimicrobial performance evaluation and water testing procedures.
- To address challenges and best practices in laboratory microbiological testing for textiles and water testing.

## PARTICIPANT PROFILE

- Laboratory personnel engaged in water, microbiological and environmental testing and quality control activities

## PROGRAM CONTENT

### 1.Environmental Water Testing:

- Importance of water testing & compliance.
- APHA/IS methods: pH, Residual Chlorine, Turbidity, TDS, COD, Hardness, Chloride.
- Demonstration of parameter testing & troubleshooting.
- Interpretation of results & documentation for audits

### 2.Microbiological Testing in Textiles:

- Introduction to microbial control in textiles.
- AATCC & ISO test methods (antibacterial & antifungal).
- Sample preparation, inoculation & incubation

### 3.Interpretation of Results

### 4.Laboratory Best Practices, quality control and documentation

## PROGRAM OUTCOMES

- Develop hands-on training on water & microbiological testing methods, understanding of international & national standards, interpretation of test results for compliance & quality assurance and best laboratory practices

## LAST DATE FOR REGISTRATION

- 1<sup>st</sup> March 2026

## FEE/PARTICIPANT

- Rs. 3,000/-+ 18% GST