



"Dissemination of Education for Knowledge, Science and Culture"
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(AUTONOMOUS)



Department of Microbiology

Water analysis Report 2025-2026

- **Introduction:**

The department of microbiology is pleased to present this annual water analysis report for 2025-2026. This report summarizes the result of water quality testing conducted on 4 samples collected from the water filters from 3 floors of main administrative building and canteen during calendar year 2025-2026. The purpose of this analysis is to ensure the safety and quality of drinking water supplied to institution and to comply with regulatory requirements

- **Objectives:**

1. Monitor water quality for microbiological contaminants.
2. Identify potential source of contaminants.
3. Evaluates the effectiveness of existing water treatment and distribution system.
4. Provide recommendation for improvement.

1. Sample Information:

- **Sample Type:** Drinking Water
- **Sampling Date:** 23/01/2026
- **Sampling Location:** 1st floor water filter, 2nd floor water filter, 3rd floor water filter and canteen water filter.
- **Received by:** Department of microbiology

Parameters Analyzed:

This Report Present Results for the faecal indicator: *E. coli* , Total coliform count.



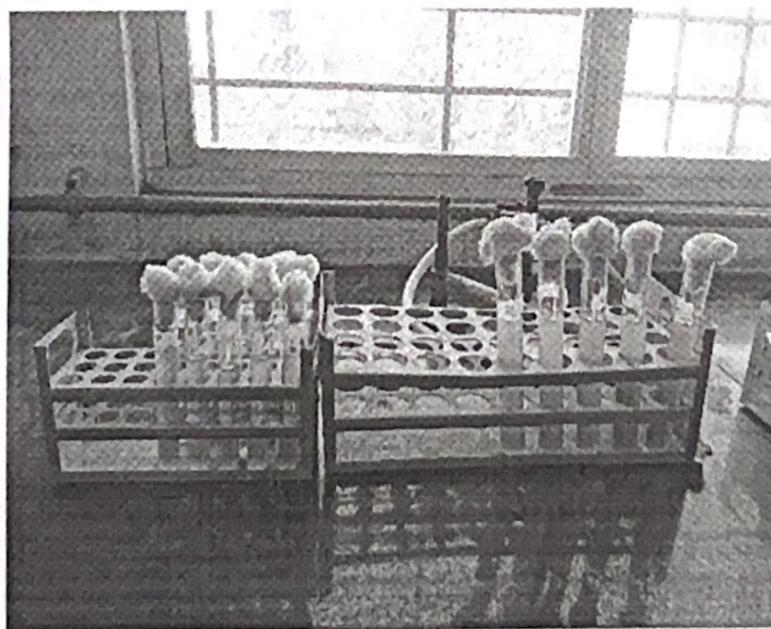
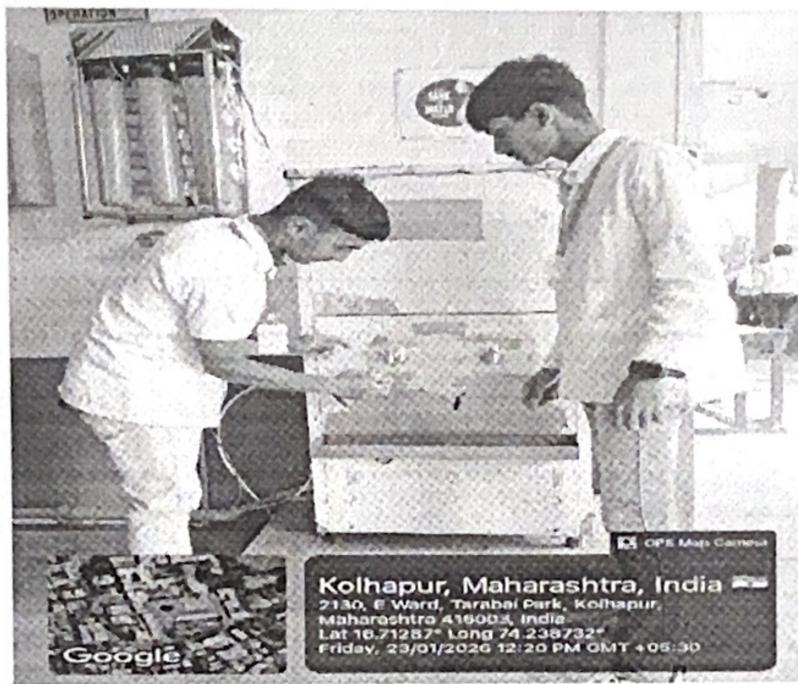
2. MPN Test:

Test	Sample Dilution	No. of Positive Tubes	Most Probable Number (MPN/100 ml)
CANTEEN	10 ml	05	30
	1 ml	01	
	0.1 ml	00	
1 st FLOOR WATER FILTER	10 ml	0	Less than 2
	1 ml	0	
	0.1 ml	0	
2 nd FLOOR WATER FILTER	10 ml	0	Less than 2
	1 ml	0	
	0.1 ml	0	
3 rd FLOOR WATER FILTER	10 ml	0	Less than 2
	1 ml	0	
	0.1 ml	0	



3. **Result:** Based on the result of this MPN analysis the water sample of the main administrative building has met the acceptable limits for coliform bacteria. However, the MPN analysis of water sample collected from canteen shows high coliform number indicating improper hygiene practices.

4. **Photos-**



Teacher In charge


Ms. A.T.Patil