**Abstract**

**Safe Drinking Water**

Access to safe drinking water is one of the most critical components of public health and well-being. However, despite advancements in water treatment technologies, many communities still face challenges in ensuring the availability of clean water.

The objective of this project is to raise awareness about the importance of safe drinking water, highlighting the risks associated with contaminated water sources and the health hazards that arise from its consumption.

The project investigates the current state of drinking water quality in various regions and educates people on best practices for water purification, storage, and handling.

**Objectives:-**

**To Identify Water Contamination Sources**: Educate individuals on common sources of water contamination, including chemical, biological, and physical pollutants, and how this effect water quality.

**Promote Water Purification Methods**: Introduce various simple and cost-effective water purification techniques such as boiling, filtration, and chlorination

to improve water quality at the household level.

**Sustainable Water Solutions**: Highlight the importance of maintaining clean water sources and advocate for long-term solutions like rainwater harvesting, water treatment plants, and proper sanitation systems.

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