

## **TEAM 3**

### **Real-Time pH and Contaminant Monitoring System for Drinking Water**

The problem statement aligns well with the following two Sustainable Development Goals (SDGs):

#### **SDG 6: Clean Water and Sanitation**

Ensuring access to safe and clean drinking water is a core aspect of this goal. Real-time monitoring and analysis of water quality directly contribute to achieving targets related to improving water safety and reducing contamination.

#### **SDG 3: Good Health and Well-Being**

Safe drinking water is essential for preventing waterborne diseases, thus promoting good health and reducing mortality rates. This IoT-based solution supports public health initiatives by minimizing risks associated with unsafe water.