PROJECT OBJECTIVE

PROJECT NAME: Real-Time River Water QualityMonitoring and Control System

TEAM ID: PNT2022TMID37736

-The major goal is to create a system that uses wireless sensor networks to continuously monitor river water quality at remote locations with low power consumption, low cost and high detection accuracy.

-pH, conductivity, turbidity level and other parameters are measured in order to enhance water quality.

-The remote sensing technology is the cornerstone of IoT-based water quality monitoring.

-This implements the approach by using the pH sensor, turbidity sensor to obtain analog readings for water contaminates.

- In addition, for the specific application, we can add extra sensor elements.