

# PROJECT OBJECTIVES

Date	04 November 2022
Team ID	PNT2022TMID41673
Project Name	Real-time River Water Quality Monitoring and Control System
Maximum Marks	4 Marks

## Project Flow:

Sending random pH values and turbidity values will be sent to the IBM IoT platform. Sensors values can be viewed in the Web Application. Notifies the admin the random values cross the threshold value.

**To accomplish this, we have to complete all the activities and tasks listed below:**

- Create and configure IBM Cloud Services.
- Create IBM Watson IoT Platform.
- Create a device & configure the IBM IoT Platform.
- Create Node-Red service.
- Create a database in Cloudant DB to store location data.
- Develop a web Application using Node-Red Service.
- Develop the web application using Node-RED.
- Develop a python script to publish the location details to the IBM IoT platform.