

**Project Design Phase-I**  
**Proposed Solution Template**

Date	17 <sup>th</sup> October 2022
Team ID	PNT2022TMID15034
Project Name	<b>Project -</b> Real Time River Water Quality Monitoring and Control System
Maximum Marks	2 Marks

**Proposed Solution Template:**

S.No.	Parameter	Description
1.	<b>Problem Statement (Problem to be solved)</b>	To monitor the water parameters such as ph, turbidity and dissolved solvents and send alerts when the water is not suitable for usage
2.	<b>Idea / Solution description</b>	Monitoring water parameters and control measures by using Sensors and Micro-Controller .
3.	<b>Novelty / Uniqueness</b>	Alerting the user regarding unsafe Safe water for consumption.
4.	<b>Social Impact / Customer Satisfaction</b>	People come to know about the quality of water.
5.	<b>Business Model (Revenue Model)</b>	Water Monitoring and Control Model.
6.	<b>Scalability of the Solution</b>	The establishment needed to be done and can be easily scaled up using sensors.