

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID44989
Project Name	Real-Time River Water Quality Monitoring and Control System
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To control the algae and monitor the value of PH, Turbidity present in the river water.
2.	Idea / Solution description	The system consists of more number of sensors to monitor the PH, Turbidity and etc., and control the algae by using ultrasonic frequencies .
3.	Novelty / Uniqueness	Controlling the algae by using the ultrasonic technology .
4.	Social Impact / Customer Satisfaction	River pollution can impact all living things. Better controlling and monitoring can impact clean water and healthy.
5.	Business Model (Revenue Model)	River water controlling and monitoring model.
6.	Scalability of the Solution	It is easy to implement.