

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID06145
Project Name	Project – Real-time River water quality monitoring and control system
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Unable to detect all possible water parameters in water such as temperature,pH etc
2.	Idea / Solution description	Checks the quality of water in real time and detect all possible parameters
3.	Novelty / Uniqueness	Turbidity sensor is used
4.	Social Impact / Customer Satisfaction	Quality of water is maintained and makes the water suitable for drinking
5.	Business Model (Revenue Model)	User friendly
6.	Scalability of the Solution	To measure the physical and chemical parameters of the water