

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

Date	19 September 2022
Team ID	PNT2022TMID14819
Project Name	Project – Real time water quality monitoring and control
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)	To develop a self reliable real time river monitoring and control system.
2.	Idea / Solution description	Using probe to monitor various level of contamination in the water. Using the same probe to collect the waste.
3.	Novelty / Uniqueness	It already exists we are making it self rechargeable and self reliable
4.	Social Impact / Customer Satisfaction	Helps to reduce water contamination, spread of water borne diseases, good water ecosystem, cleaner environment.
5.	Business Model (Revenue Model)	Using a self reliable probe and sensors to achieve this.
6.	Scalability of the Solution	Sustainability. This can be mass produced