

# Problem: Inefficient Irrigation in Agriculture (Water Stress in Gurugram, India)

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# Basic Details of the Team

Team name: Manish kumar

Leader name: Manish kumar

Team members: 5

School name: Gmsss badshahpur



# Team Details



Team Leader Name : Manish kumar		
Class : 9	Age : 14	Gender (M/F/Other) :M
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(Team Members)		
Name:Rohit Kumar and Aditya		
Class : 9	Age : 13	Gender (M/F/Other) :M
Village /City: Badshahpur	State: Haryana	Contact Details:Rohit Kumarmar@gmail.com
Name:Ayush		
Class : 9	Age : 14	Gender (M/F/Other) :M
Village /City : Badshahpur	State: Haryana	Contact Details: aushkumar@gmail.com

# Problem Statement

(maximum 100 words)

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Access to clean, usable water is a major global problem.

This can be due to scarcity, pollution, or poor infrastructure. Billions lack safe drinking water and water stress is only worsening due to climate change and overuse.



Describe your Idea/Prototype here  
(Try to avoid paragraphs and post your idea in points)

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a solar-powered water filtration system designed for communities facing water scarcity.

This system would use readily available sunlight to power a filtration process, making contaminated or brackish water safe to drink.

The system would be easy to deploy and maintain in remote areas, and could be constructed from low-cost materials.

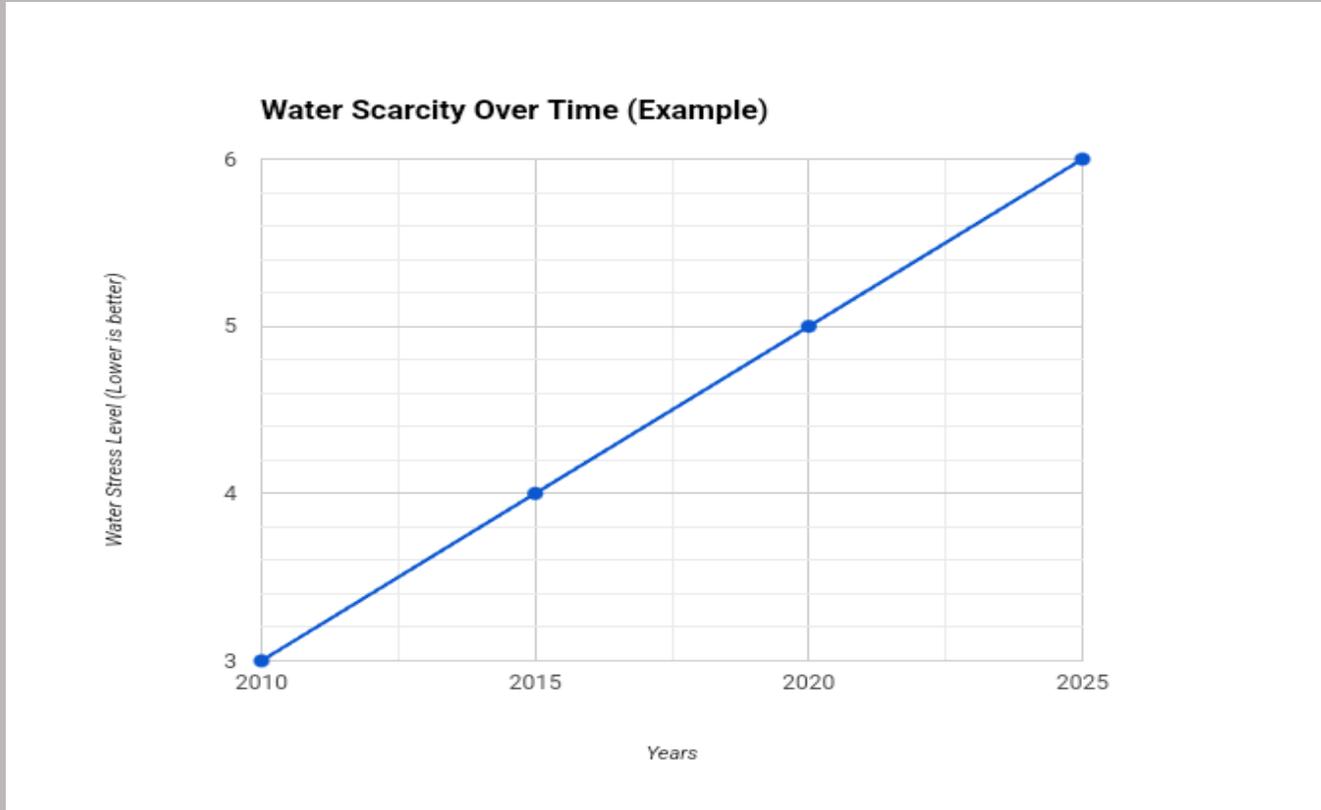
Along with the above description you can also create a short video describing your idea / prototype and share the link here

VIDEO DURATION :2 - 3 minutes

FILE SIZE: MAXIMUM 300 - 400MB

# Idea And Approach Details

HIGHLIGHT THE KEY FEATURES AND FUNCTIONALITIES OF YOUR PROJECT



# Idea Visualization

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Share your video link here (this is optional):

[https://www.google.com/url?q=https://sitn.hms.harvard.edu/flash/2021/solar-powered-water-purification/&usg=AOvVaw0EuDVZ2k1eXhHWIrd7\\_\\_a6](https://www.google.com/url?q=https://sitn.hms.harvard.edu/flash/2021/solar-powered-water-purification/&usg=AOvVaw0EuDVZ2k1eXhHWIrd7__a6)

## Instructions for the video:

- VIDEO DURATION :2 - 3 minutes
- FILE SIZE: MAXIMUM 300 - 400MB
- Video can be made in any language but the subtitles should be in English only

## Idea And Approach Details

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LIST THE DIFFERENT APPLICATIONS OF TECHNOLOGY THAT YOU HAVE USED OR WILL BE USING

(You can mention: Coding software, Presenting software, Mechanical hardware, All use of AI must be disclosed  
You cannot mention: Mouse ,Keyboard, CPU, Monitor etc)



Google gemini AI

Thank you