

Rain water Harvesting Model Competition – 2023 - Concept submission Form

01. Participants Details

1.1 School Name

1.2 Address

1.3 Contact Number

1.4 Email Address

1.5 Name and Grade of Participants

No	Full Name	Grade
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		

1.6 Names of Teachers In charge

1.7 Contact Numbers

02. Current water sources of the school – Complete below tables to understand the current water sources , water need and availability of water at school.

2.1 No of users

No of Students at School	Girls	Boys

No of teachers at school	Female	Male

No of non-academic staff members	Female	Male

2.2 Existing Water Source

Water Source	Purpose of Use	Daily Usage (Liters)	Monthly Usage (Liters)	Distance to water Source (Km)
Pipe Water				
Dug Well				
Tube Well				
RO Filters				

2.3 Availability of the water sources (Tick the boxes)

Water Source	Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec

3. Identify the water-related issues that the school is facing

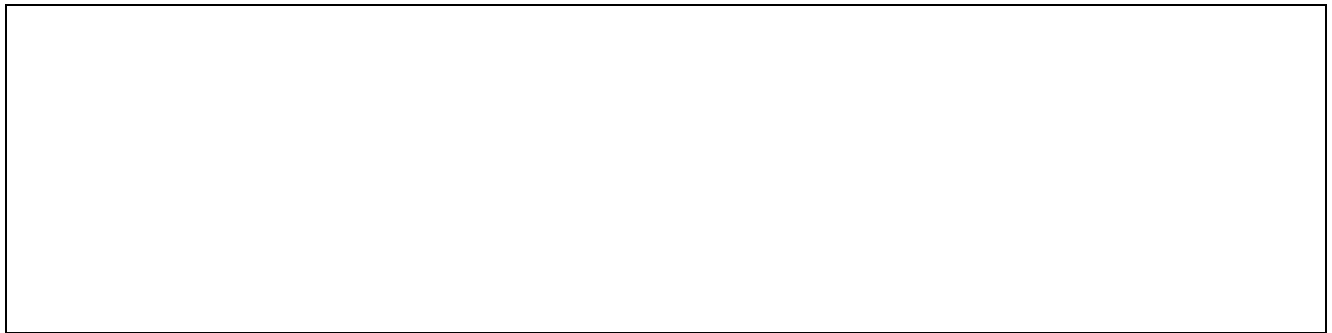
4. Identify an appropriate Rainwater Harvesting (RWH) system for the school

4.1 What type of Rainwater harvesting system do you suggest for your school?
(Roof water Harvesting System/ Well Water Recharge System/ Ground Water Recharge system)

4.2 Why did you select that particular system?

4.3 Explain the rain water harvesting system you proposed to use

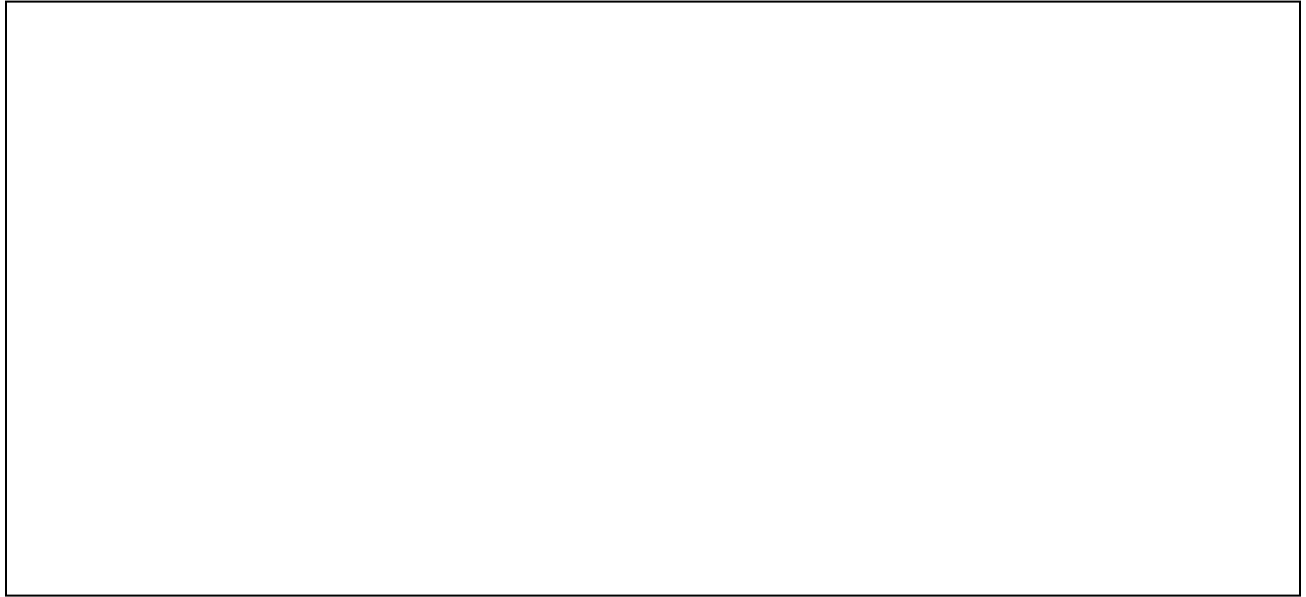
1. 4.4 What are the monthly water needs you intend to fulfill using this water system?.(Drinking, Cooking, Sanitation, Home gardening, Other)



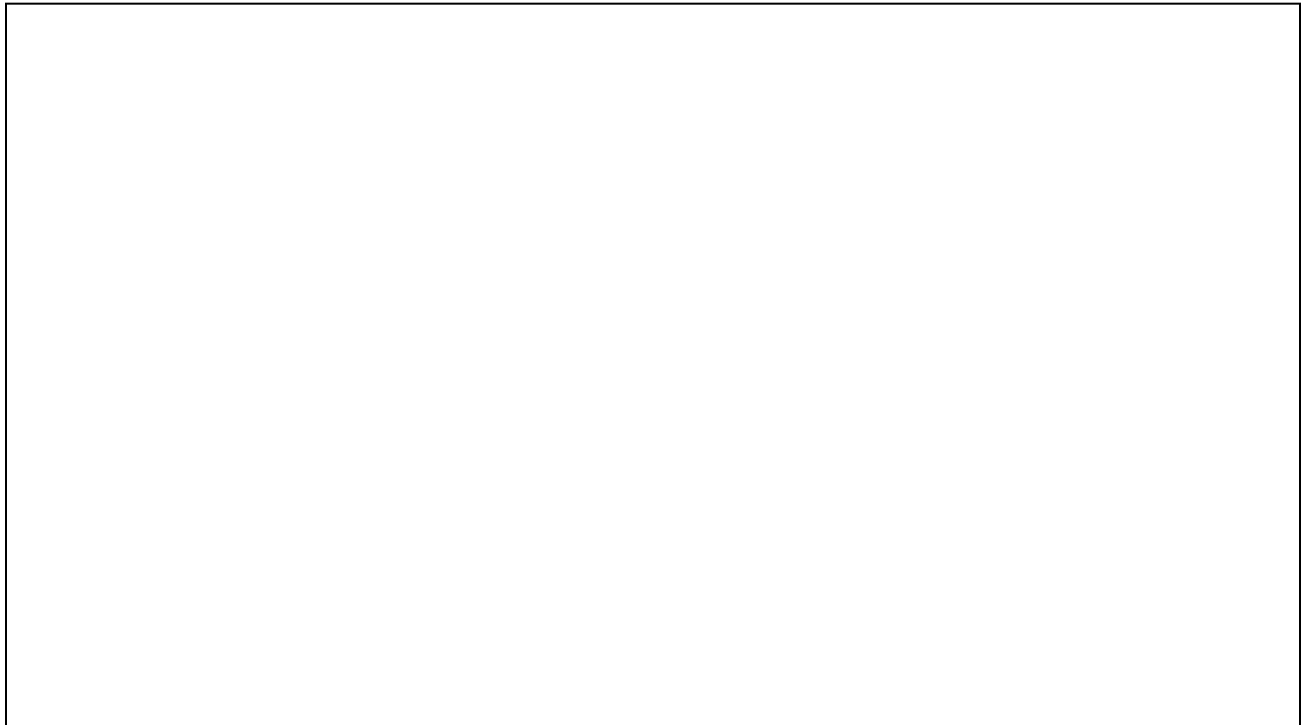
5. Draw a sketch of your planned Rain water Harvesting System

6. Innovative Solutions - Explain of the below questions:

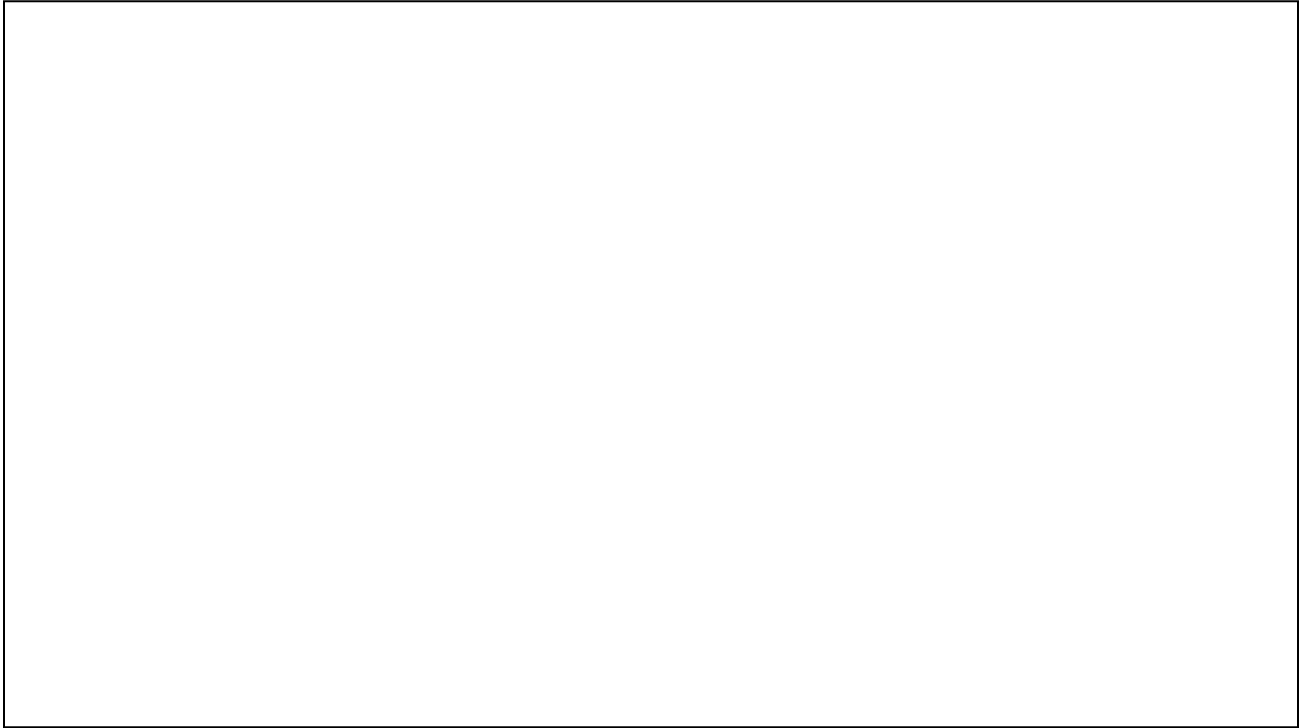
6.1 What new/novel feature you will incorporate in this system (filtration/usage/ monitoring/ maintenance/ saving etc)



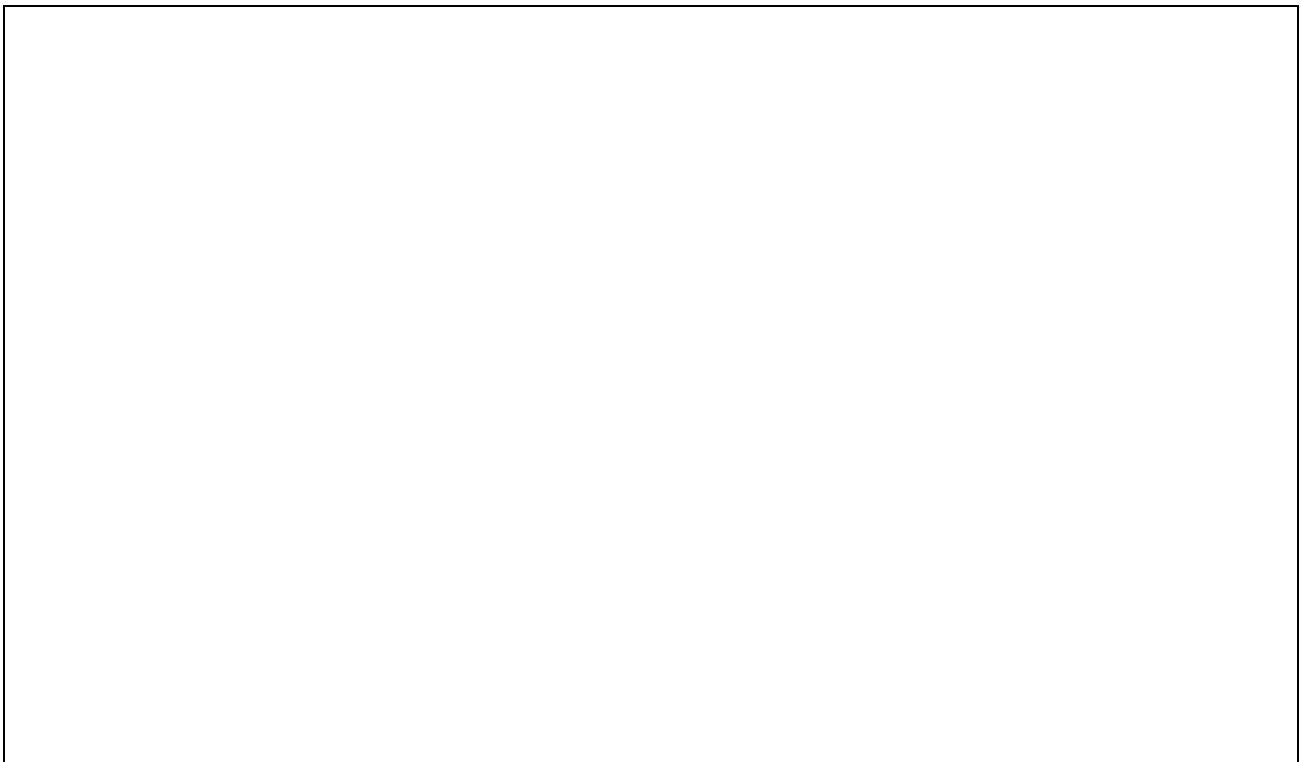
6.2 How will you plan operate and maintain this system? Please provide an explanation of the procedures involved.




6.3 What water-saving solutions and methods do you plan to incorporate into this system?



6.4 Explain how this system addresses the water-related issues faced by your school and provides suitable solutions.



6.5 Can you suggest any additional ideas for activities that can be initiated at your school using this water system?

A large, empty rectangular box with a thin black border, intended for the user to write their suggestions for activities that can be initiated at their school using the water system.

7. Budget for Implementing this System:

Consent:

I hereby confirm that the participants studying at the school were actively involved in the planning of this rainwater harvesting system. This innovative concept is solely the result of the students' efforts and creativity atSchool/College, and it has not been copied from any other source.

As the school, we understand that there is no objection to present or exhibit this design at any knowledge-sharing platform with credit is given to the children and the school.

Signature and rubber stamp of the principal of the school.

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