



REGENT EDUCATION & RESEARCH FOUNDATION

Group of Institutions

PROJECT REPORT ON

RAINWATER HARVESTING

REGENT EDUCATION AND RESEARCH FOUNDATION GROUP OF INSTITUTIONS



PREPARED BY: CIVIL ENGINEERING DEPARTMENT

Session 2023-2024

Campus: Regent Education & Research Foundation Group of Institutions

E-mail: rerfkolkata@gmail.com, Website: www.rerf.in

Campus Address:

Bara Kanthalia, Barrackpore
P.O: Sewli Telinipara, P.S.: Mohanpur
Kolkata - 700 121
Tel.: 033-3008-5442/432/431, Fax: 033-3008-5442

Regd. Office Address:

11/3, Biresw Guha Street
7th Floor, Kolkata - 700 017
Tel.: 033-3221-3013



REGENT EDUCATION & RESEARCH FOUNDATION

Group of Institutions

PROJECT REPORT

Title of the Project: "Rainwater Harvesting"
Session 2023—2024

Utilization of rainwater is an important eco-friendly approach –Such a green practice encouraged in the form of a Community Development Program can find its popularity when it shows the manifold benefits. On the other hand, rainwater as well as run-off storm water stored in a planned way save the earth from soil erosion, In the RERFGI campus rainwater harvesting system has been installed on the roof of exactly 836.36 Sqm. area of the rooftop. The rainwater is collected through a network of pipelines and stored in the tank. There are two 5000 liters tanks on the campus rooftop where the roof runoff water is stored. The roof runoff water is allowed to use for washrooms, Gardening, and construction purposes. Total Area of tin shade of rooftop in RERF is 836.36 Sqm. Our Civil Engineering departmental students were involved in this project.

Total Duration (Months): 6 Months

Plan of Work: (500 Characters)

- Arrange of a meeting with students and concerned committee members of the department.
- Involvement of interested students for the project.
- Highlight the importance of water reuse and demonstrates how rainwater harvesting is an essential practice for sustainable water management.
- The project's performance should be regularly checked and maintained throughout the session to ensure its continued operation and effectiveness.

1st Quarter: The committee members constantly observed throughout the period whether the tank was being cleaned or not and inspection of for cracks or damage and repair as necessary.

2nd Quarter: Rainwater is collected and stored in tank for later use, typically for wash room, gardening and construction purpose. During this period students from the department are involved with this project so that they get an idea about the project.

Campus: Regent Education & Research Foundation Group of Institutions

E-mail: rerfkolkata@gmail.com, Website: www.rerf.in

Campus Address:

Bara Kanthalia, Barrackpore
P.O: Sewli Telinipara, P.S.: Mohanpur
Kolkata - 700 121
Tel.: 033-3008-5442/432/431, Fax: 033-3008-5442

Regd. Office Address:

11/3, Biresw Guha Street
7th Floor, Kolkata - 700 017
Tel.: 033-3221-3013



REGENT EDUCATION & RESEARCH FOUNDATION

Group of Institutions

Reformation of the Rainwater Harvesting Committee:

Session 2022—2023

Name	Designation	Position
Dr. Koushik Dutta Roy	Associate Professor	Principal Investigator
Mr. Yuvaraj Modal	Assistant Professor	Co-Principal Investigator
Mrs. Payel Chakarborty	Senior Technical Assistant	Co-Principal Investigator
Mr. Chinmoy Majumder	Senior Technical Assistant	Co-Principal Investigator
Mr. Shouvik Sarkar	HOD, CE Dept.	Member
Dr. Rajorshi Bandyopadhyay	Principal	Member

Session 2023—2024

Name	Designation	Position
Mr. Sourav Pramanik	Assistant Professor	Principal Investigator
Mrs. Payel Chakraborty	Assistant Professor	Co-Principal Investigator
Mr. Arindam Bar	Assistant Professor	Co-Principal Investigator
Mr. Raja Ghosh	Assistant Professor	Co-Principal Investigator
Mr. Chinmoy Majumder	Senior Technical Assistant	Co-Principal Investigator
Mr. Shouvik Sarkar	HOD, CE Dept.	Member
Dr. Shamik Chakraborty	Principal	Member

Name of the Student Involved in the project

Name	Roll No
Soumi Das	26301321081
Naurin Sultana	26301321094
Ujjal Biswas	26301321121
Brayen Sarkar	26301321033
Narayan Khanra	26301322025
Abhijeet Banerjee	26301320012
Indrani Dutta	26301321091
Sujan Kumar Dey	26301321090
Arnab Sarkar	26301323023
Deep Som	26301323033
Biswanath Malakar	26301322003
Sangita Das	26301323064
Subhrajit Bhowmik	26301323088
Abhijit Kundu	26301323008
Sayanik Sardar	26301323072

Campus: Regent Education & Research Foundation Group of Institutions

E-mail: rerfolkata@gmail.com, Website: www.rerf.in

Campus Address:

Bara Kanthalia, Barrackpore
P.O: Sewli Telinipara, P.S.: Mohanpur
Kolkata - 700 121
Tel.: 033-3008-5442/432/431, Fax: 033-3008-5442

Regd. Office Address:

11/3, Biresh Guha Street
7th Floor, Kolkata - 700 017
Tel.: 033-3221-3013



REGENT EDUCATION & RESEARCH FOUNDATION

Group of Institutions



(Signature)

Principal

Regent Education & Research Foundation
Bara Kanthalia, P.O.-Sewli Telinipara
Barrackpore, Kolkata-700121

Campus: Regent Education & Research Foundation Group of Institutions

E-mail: rerfkolkata@gmail.com, Website: www.rerf.in

Campus Address:

Bara Kanthalia, Barrackpore
P.O: Sewli Telinipara, P.S.: Mohanpur
Kolkata - 700 121
Tel.: 033-3008-5442/432/431, Fax: 033-3008-5442

Regd. Office Address:

11/3, Biresh Guha Street
7th Floor, Kolkata - 700 017
Tel.: 033-3221-3013



REGENT EDUCATION & RESEARCH FOUNDATION

Group of Institutions

Bore well /Open well recharge

