



Report
on
**Report on Rainwater Harvesting and Jal
Mahotsav under Jal Shakti Abhiyan-2022**
in Meerut, Uttar Pradesh
under National Water Mission
Ministry of Jal Shakti, Government of India

Supported by:

India Water Partnership (IWP)

Implemented by:

Janhit Foundation, Meerut

2022

Jal Shakti Abhiyan (JSA)

“Catch the Rain” Campaign was initiated by Hon’ble Prime Minister, Shri Narendra Modi, Government of India in 2020. The whole campaign was started to save every drop of rainwater by harvesting it where it falls and when it falls. JSA focuses on saving and conserving rainwater, was started under the National Water Mission and its major aim is to promote Rainwater Harvesting in more and more buildings and to catch the rain wherever it falls and to avoid storm water flooding in the cities.

Before this program also, Janhit Foundation in Meerut has been working towards water conservation and rainwater harvesting since its inception in 1998. Janhit Foundation is the first ones to promote its construction in a government building in the Mahila Police Station, Meerut in the 2005. Post which, Janhit Foundation have been supporting construction of the same in the government buildings, schools, colleges and private residential colonies. Other than this, Janhit Foundation have organized many awareness programs in the schools and colleges across Meerut motivating the children to initiate the discussion at homes to ensure Rainwater Harvesting System in their homes, business set ups or other places where they have an influence.

Along with this, the aim of the JSA is to create more and more awareness at the mass scale with respect to water conservation and rainwater harvesting.

In 2022, Janhit Foundation was awarded with a project under the Jal Shakti Abhiyan 2022 through India Water Partnership where the following activities under the project:

- Awareness Programs for the masses on Rainwater Harvesting and Water Conservation;
- Construction of Rainwater Harvesting Structure in one selected school; and,
- Organizing Jal Mahotsav

The three Major Elements of the Project

Following are the three major elements of the project:

1. Construction of Rainwater Harvesting Structure in BDS School, Meerut, Uttar Pradesh;
2. Creating awareness among the students of 20 schools of Meerut with respect to Water Conservation & Rainwater Harvesting; and,
3. Organizing “Jal Mahotsav” in BDS School inviting all the 20 schools to present their ideas on water conservation.

Duration of the project – 1 April to 15 October 2022

As described above, the activities taken-up under three major elements of the project are described below:

First element: Construction of Rainwater Harvesting Structure in BDS International School, Meerut, Uttar Pradesh

This was the first element of the project and work was started on it right on 15 April 2022. The total run off of the school was calculated to be at 19360 sq. meters and to distribute the run off according to the location in the school, it was decided to create two borings and two pits with the following measurements-

- a) Pits – 8 ft by 5 ft by 5 ft – Two of these pits were dug and constructed.
- b) Each of these pits were also given borings to create provision for direct recharge of the underground water aquifers.
- c) Boring was dug to reach the water level at 180 feet under the ground in each pit.

The construction Rainwater Harvesting Structure was completed by 30 June 2022 and impact was seen during 2022 rains itself. No water was wasted and all drops gone into the pits and recharged into the underground water aquifers.

Expected recharge during an year- 200000 liters of water in total through the two pits and borings.

Inauguration - still pending and is expected to be done by the end of November.

Pictures of the Construction of Rainwater Harvesting Structure -



Second element: Awareness Workshops in 25 schools of Meerut

Under the project, the organization had the task to reach out to 20 schools of Meerut and organize a workshop on awareness on water conservation and rainwater harvesting. The aim was to have 10 CBSE schools to be part of this and 10 government schools. When Janhit Foundation initiated this, almost every school in Meerut desired to organize this workshop in their school. Finally, between 1 July and 3 September 2022, 36 workshops were organized in both CBSE and government Inter colleges.

A detailed description of the same along with pictures from each of these workshops is being given below-

Sr. No.	Date of the Workshop	Name of the School	Students attended	Teachers attended
1	4 July	CJDAV Public School	100	5
2	5 July	International Public School	120	6
3		Kanohar Lal Girls Inter College	80	3
4	6 July	BDS International School	200	4
5	7 July	Bhartiya Girls Inter College	150	7
6	8 July	Sanatan Dharm Saraswati Sishu Mandir	170	4
7	9 July	St. Johns Senior Secondary Girls School	200	7
8		Sanatan Dharm Girls Inter College, Sadar	200	6
9	13 July	Meerut Public Girls School, Shastrinagar	180	8
10	14 July	Sanatan Dharam Inter College, Kankarkheda	185	5
11		Jeevan Jyoti Siksha Kendra	160	7
12	18 July	Dayawati Modi Academy	120	7
13		Army Public School	130	5
14	1 Aug	St. Joseph Girls Inter College	170	6
15	4 Aug	Kisan Inter College	120	7
16		Digambar Jain Inter College	130	5
17	5 Aug	Rudra International Public School	120	6
18	6 Aug	The Avenue Public School	130	7
19		St. Johns Senior Secondary School	170	8
20	8 Aug	The Aryans	160	4
21	10 Aug	NAS Inter College	100	4
22	16 Aug	MIET Public School	120	5
23		Gargi Girls School	130	5
24	17 Aug	Meerut City Public School	130	3
25	22 Aug	K L International School	130	4
26		Dewan Public School	140	6
27	23 Aug	Satyakam International School	140	4
28	25 Aug	Ambedkar Inter College	130	6
29	26 Aug	Mount Zee Litra Public School	130	4
30		Gurunanak Girls Inter College	120	5
31	27 Aug	St. Xavier Girls School	120	6
32	29 Aug	Khalsa Girls Inter College	130	4
33	30 Aug	St. Francis World School	140	3
34	30 Aug	MPS Vedvyas Puri	130	4
35	31 Aug	KV Punjab Lines	120	5

Pictures from different workshops



Third element: Jal Mahotsav in Meerut

Strategy & Plan – After discussions with the schools and other stakeholders like the District Administration and other partners, the Jal Mahotsav was scheduled for Saturday, 12 November 2022. Two activities were planned as part of this which are as follows-

- **Theatre Competition** – A team of 10-12 students from each school were to present a theatrical presentation at the Jal Mahotsav on the theme of Water Conservation & Rainwater Harvesting.

Each team were to prepare on any type of theatre that is it could have been skit, nukkad natak, play, ballet etc. A time limit was specified at 10 minutes for this.

- **Exhibition Competition** – A team of 5 students were to put up a stall on the day of the Jal Mahotsav and to win this, the students were to make their stalls more attractive and informative on the subjects of Rainwater Harvesting.

Other Partnerships –

- **Support for Refreshments** - It was realized that since the Jal Mahotsav would be an event extending for over 5 hours, we would need to provide students with refreshments and this was not budgeted in the initial budget, hence we approached a few prospective partners and **K L International School** supported us with 1200 Refreshment packets for the same.
- **Support for Venue** – It was also analyzed that we would have to look for a bigger venue which would be able to host the Jal Mahotsav as against the initial plan, now the number of attendees increased to 1200. So, we approached **CCS University, Meerut** and the University readily agreed to provide us with the venue in the form of **Netaji Subhash Chandra Bose Auditorium** which has a seating capacity of over 1200.

Invitation to the Schools - A joint invitation was sent out to all the schools in which the workshop was conducted as part of this project around the 1st week of October 2022.

Participation from Schools – We received registration of 30 schools with a good mix of government and private schools with 27 entries for Theatre and 25 entries for Exhibition. All the registered schools reported for the event.

On the day of Jal Mahotsav

Inaugural Ceremony – The event was inaugurated in the august presence of the Hon'ble MP, Meerut Shri Rajendra Agarwal ji as the Chief Guest and Prof Y Vimla, Former Pro VC, CCS University as the Guest of Honour. Also present were Dr. Veena Khanduri, Executive Secretary, IWP and Smt Anita Rana, Director, Janhit Foundation.

The program was inaugurated by lighting of the lamp and a welcome dance in the form of "Vishnu Stuti" by the students of K L International. Inaugural address was given by the Chief Guest and the Guest of Honour announcing the program open.

Closing Ceremony - 1 special performance was done by the students of First Beam Foundation including children from slums of Meerut. Other than this, a special performance on especially composed song for the event was done as part of the Closing Ceremony by the students of Dayawati Modi Academy.

As part of the closing ceremony, the Principals of the participating schools were felicitated by acknowledging them as the **Water Leaders**.

Other than this, the winning teams in both the competitions were awarded with trophies.

The felicitation was done in the presence of Dr. Beer Pal Singh, Proctor, CCS University, Dr. Veena Khanduri, Executive Secretary-cum-Country Coordinator, India Water Partnership and Smt Anita Rana, Director, Janhit Foundation. Other than this, 3 judges for theatre and 3 judges for exhibition were also present.

Impact of the Project – The project reached out to 4000 children of different schools in Meerut directly through workshops and 1200 children of different schools of Meerut through the Jal Mahotsav. Other than this, the project was also able to reach out to 4000 families through these children.

The project also motivated the schools to let the theatre team present the theatre in the schools' assembly in order to spread the message across to all the students of the school so an estimated reach of the project is 30000 directly.

Pictures from Jal Mahotsav







