



Tirumala Tirupati Devasthanams

శ్రీ వేంకటేశ్వర కళాశాల

**Sri Venkateswara College**

(University of Delhi)

NAAC Grade A+

## **EVENT REPORT**

<b>NAME OF THE EVENT: WORKSHOP ON MAINTENANCE OF RAINWATER HARVESTING SYSTEM</b>			
<b>DATE:</b>	<b>DEPARTMENT:</b>	<b>COMMITTEE/SOCIETY :</b>	<b>COORDINATORS NAME:</b>
19 <sup>th</sup> April 2023	Eco-club	Eco-club and IQAC	Dr. Nisha Bohra Dr. Pooja Gokhale Sinha
<b>TIME:</b>	<b>VENUE:</b>	<b>NUMBER OF PARTICIPANTS:</b>	<b>NATURE: Outdoor/Indoor; online/offline/hybrid :</b>
9:45 AM -11:30AM	Room no. T1	77	Offline mode (Indoor/outdoor)
<b>FINANCIAL SUPPORT/ASSISTANCE (if any)</b>	Criteria VII, IQAC, Sri Venkateswara College, University of Delhi		

### **BRIEF INFORMATION ABOUT THE ACTIVITY**

<b>TOPIC/SUBJECT OF THE ACTIVITY</b>	Seminar cum Workshop on maintenance of Rainwater Harvesting System
<b>OBJECTIVES</b>	<ul style="list-style-type: none"><li>To make students aware about the need to conserve water.</li><li>To learn about rain water harvesting systems, their installation and maintenance.</li></ul>
<b>METHODOLOGY</b>	Lecture cum Interaction with the students on the issue of scarcity of water in the city and how it can be tackled by installing Rain water harvesting systems. Pamphlets made by DJB on Rain water harvesting system were also distributed to students and teachers after the Lecture.

	Speaker then visited one of the pits in the college and explained the students the inside structure of the pit and how it should be managed to maintain its efficiency over the years.
<b>INVITED SPEAKERS WITH AFFILIATION DETAILS ( IF ANY)</b>	Mr. Vimal V. Belani, Top level expert in Ministry of Jal Shakti.
<b>OUTCOMES</b>	A vivid and insightful session which explained the need to conserve water through rain water harvesting systems. The speaker also explained different ways to maintain the water pits.

**PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):**

1 Notice & Letters ✓	2 Number of Participants & Name of participants ✓	3 Video clip	4 Photos ✓	5 Feedback Form & analysis
6 News clip with details ✓	7 Sample Copy of the Certificate	8 Posters/ Invites ✓	9 Event report Attested by Event Coordinator & IQAC Coordinator ✓	10 Any other document ✓

IQAC Document No.-IQAC/SVC/2022-23/Eco Club./05	Criteria No. III & VII
Departmental File No. Eco Club/2022-23/RWH 1/NB	IQAC File No.-2022-23


NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
	Prof. Vartika Mathur	

Dr. Nisha Bohra		
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## For Reference

Criterion I	Curricular Aspects (planning & Implementation)		Criterion V	Student Support & Progression
Criterion II	Teaching Learning & Evaluation		Criterion VI	Governance
Criterion III	Research, Innovations & Extension		Criterion VII	Institutional Values & Best Practices
Criterion IV	Learning Resources and Infrastructure			

## NOTICE AND LETTER


  
 हिन्दु विश्वविद्यालय दिल्ली  
 Sri Venkateswara College  
 (University of Delhi)  
 NAAC Grade A+

**PERMISSION FOR ORGANIZATION OF EVENTS**

NOTE: 1. Please ensure that the completion certificate of the event is physically signed by the Convener of the event, IQAC Coordinator and Principal after the event report is made.  
 2. Please ensure a pre booking of the venue before getting the permission letter signed.  
 3. A copy of this duly filled form signed by the TIC/ Convener and Principal shall be submitted to ICT, Caretaker and IQAC Coordinator, Dr. Arpita Kaul for commerce and NSS, NCC, Placement and Sports events, Dr. Jitesh Rana for humanities events, Dr. P. Jayaraj for sciences events.

**EVENT DETAILS**

- Name of the Department/Society /Association: ECO CLUB and IQAC
- Name of the TIC/Convener (if any): Prof./Dr./Mr./Ms. Nisha Bohra
- Nature of Event: Seminar/Conference/Symposium/Workshop/FDP/Public or community outreach/ skill enhancement/others: Workshop
- Participants: Student-centric /Faculty/Both
- Event Type: Online/Online/Hybrid; Indoor/Outdoor
- Collaborating Agency /Organization:
- Proposed Title of the Event: Workshop on maintenance of rainwater harvested
- Tentative List of Speakers with affiliations: Mr. Vinod K. Bhandari, Director, HITEC, IIT Roorkee  
To P. Jitendra, School of Env. Eng. & Science, Ministry of Jal Shakti
- Date, Time from to : 19.04.2023, 10:00 am - 11:30 am
- Financial Assistance/ Funding received (if any) I.D.A. (Centera VII)
- Proposed Budget (please attach details in a separate enclosure): 300/-
- Faculty responsible for Geo Tagged Pictures P. Nisha, Bohra
- Faculty responsible for Event Report Dr. Nisha, Bohra
- ICT support required, if any (ICT Lab, Laptop, LCD projector) Laptop & cable

15. Caretaker support required (tables, chairs, public addressing system, sanitation, manpower assistance) *Podium, 2 Mic, 4-chairs, speaker, 6-plants, Plug card holder*  
16. Room requirement (Seminar/ any other) *T1*

*Nisha*  
Name & Signature of TIC/Convenor  
(*Dr. Nisha Bohra*)  
Date: *17/04/23*

*C. Suresh Bhat*  
Signature of Principal

Date: *18/4/23*

(Coordinator) - *Nisha*  
No objection in view of  
*209* } *9.*  
*209*

*Yanki*

## List of participants



श्री वेङ्कटेश्वर  
Sri Venkateswara College  
(University of Delhi)  
NAAC Grade A-

### ATTENDANCE SHEET

TITLE OF THE EVENT:

DATE OF THE EVENT: 19-04-2023

NAME OF THE DEPARTMENT/SOCIETY: ECO CLUB

NAME OF THE EVENT COORDINATOR: Dr. Nisha Bohra

S.N.	NAME OF THE STUDENT	ROLL NO. OF THE STUDENT	COURSE AND YEAR	E-MAIL	SIGN
1	Kritika	2021016	B.Sc (H) Zool. II	ec.kritika2003@gmail.com	
2	Chetna Sharma	2021006	B.Sc (H) Zoology (II)	sharma.chetna911@gmail.com	
3	Krush Sharma	2021014	B.Sc (H) Zool (II)	SKRUSH0407@gmail.com	
4	Akanksha Kumari	1021104	B.Com (H) (II)	rajputakanksha12@gmail.com	
5	Srishti	1021084	B.Com (H) (II)	srishtitomar538@gmail.com	
6	Gangeetha Narayanan	1021108	B.Com (H) (II)	Gangeethanarayanan2202@gmail.com	
7	Nitya Tewari	0522061	B.A (H) - Economics	nityatewari89@gmail.com	
8	Jehpal Gadev	0322039	B.A (H) Hindi	Gadev21840589@gmail.com	
9	Isha Goyal	0322035	BA (Hons) Hindi (II)	ishagoyal41@gmail.com	
10	Nidhi Kumari	0322060	BA (Hons) Hindi	Nidhikumariad2020@gmail.com	
11	Sruha Sahni	0322012	BA (Hons) Hindi	india@721@gmail.com	
12	Pooja	0322037	B.A (Hons) Hindi	Poojathd80@gmail.com	
13	Madhavi	0322022	B.A (Hons) Hindi	Madhavisahani17@gmail.com	
14	Alhijet	2021057	B.Sc (H) Zoology	alhijet3429@gmail.com	
15	Khushi Singh	0322017	B.A (Hons) Hindi	Khushisingh770611@gmail.com	
16	Kanak Saini	1022070	B.Com (H) (I)	Kanak15saini@gmail.com	
17	ANKUSH SINGH	0322004	B.A (H) Hindi	Ankushsingh900@gmail.com	
18	Shubham Mishra	0322024	B.A (H) Hindi	m.2004.Shubham@gmail.com	
19	SAURAV K BHARTI	0322046	B.A (H) Hindi	SAURAVKUMAR1576@gmail.com	
20	Omprakash	0322027	B.A (H) Hindi	omprakash2226@gmail.com	
21	Satyam Singh	0322050	B.A (Hons) Hindi	Satyamsingh6616448@gmail.com	
22	Alkandayati Tiwari	0322051	B.A (Hons) Hindi	alkandayatiwari874@gmail.com	
23	Narayan	0322049	B.A (Hons) Hindi	malina.nayan512@gmail.com	
24	Anushka	1421013	B.Sc. Botany Hon.	anushkayadev79822@gmail.com	
25	Divya	1421025	B.Sc. Botany Hon.	divya.neha@gmail.com	
26	Dheeraj	1421023	B.Sc. Botany Hon.	dheerajchaudhary@gmail.com	
27	Akshat	1421006	B.Sc. Botany Hon.	akshatbaba@gmail.com	





Tirumala Tirupati Devasthanams  
Sri Venkateswara College  
(University of Delhi)  
MAAC Grade A+

# ATTENDANCE SHEET

TITLE OF THE EVENT:

DATE OF THE EVENT: 19/4/2023

NAME OF THE DEPARTMENT/ SOCIETY: SCO CLUB

NAME OF THE EVENT COORDINATOR: M. Nishita Belera.

S.N.	NAME OF THE STUDENT	ROLL NO. OF THE STUDENT	COURSE AND YEAR	E-MAIL	SIGN
28	Priya	1421038	B.Sc. Botany Hons.	pmaurya181@gmail.com	Priya
29	Disha	1521024	B.Sc. chem Hons	dishaprasad2015@gmail.com	Disha
30	Gaytri	1521027	B.Sc. chem Hons	gaytripattila@gmail.com	Gaytri
31	Meenakshi	1521045	B.Sc. chem Hons	meenakshi2005suhag@gmail.com	Meenakshi
32	Ekta	1021063	B.Com (H)	kaushikekta41@gmail.com	Ekta
33	Kashish Vishwa	0722059	B.A (H) Pol. Sci	VishwaKashish39@gmail.com	Kashish
34	Anshika Kaushal	1122168	B.Sc (B) Life Science	Kaushika15153@gmail.com	Anshika
35	Nishu	0722043	B.A. Hons. Pol. Sci	deshwalnishu139@gmail.com	Nishu
36	Aarti	0422045	B.A Hons. Sanskrit	najawataaarti88@gmail.com	Aarti
37	Anamika	0422040	B.A Hons. Sanskrit	anamosasingh11@gmail.com	Anamika
38	Satyam Sharma	0422033	B.A. Hons. Sanskrit	Satyam26 sharma05@gmail.com	Satyam
39	DANISH	0422046	B.A. Hons. Sanskrit		DANISH
40	Nitya Nand Yadav	0422036	B.A. Hons. Sanskrit	nitya7395@gmail.com	Nitya
41	Priyanka Choudhary	1421022	B.Sc. Botany Hons	choudharydevaram@gmail.com	Priyanka
42	Anshu Yadav	1421011	B.Sc. Botany Hons	anshu23263@gmail.com	Anshu
43	Vipin Kumar Mahato	1021083	B.Com (Hons)	vip2003kumar@gmail.com	Vipin
44	Deepak	1021053	B.Com (H)	gtdeepak777@gmail.com	Deepak
45	Megha Mahesh	1121139	B.Sc. Life Science	megha18mahesh@gmail.com	Megha
46	Pooja	1121100	B.Sc. Life Sci.	dp.pooja2002@gmail.com	Pooja
47	Baburkhand Pandey	1421012	B.Sc. Botany Hons	Katandurkhandpandey1215@gmail.com	Baburkhand
48	Shubham Majhi	0122164	BA Prog (H)	majhisundust@gmail.com	Shubham
49	Satvri	0322020	BA (H) Hindi	stvr.dahiya@gmail.com	Satvri
50	Mayank Kumar	2021019	B.Sc. Zoology Hons	mayankkumar011@gmail.com	Mayank
51	Aditya Singh	2021001	B.Sc. Zoology (H)	adigh.aditya093@gmail.com	Aditya
52	Manoj Kanodia	0421028	B.A (H) Sanskrit	Manojkanodia@gmail.com	Manoj
53	Gandhya Yadav	1121112	B.Sc (P) Life Science	ngandhya7755@gmail.com	Gandhya
54					

Tirumala Tirupati Devasthanams  
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 NAAC Grade A+

### ATTENDANCE SHEET

TITLE OF THE EVENT:

DATE OF THE EVENT:

NAME OF THE DEPARTMENT/ SOCIETY:

NAME OF THE EVENT COORDINATOR:

NAME OF THE EVENT COORDINATOR					
S.N.	NAME OF THE STUDENT	ROLL NO. OF THE STUDENT	COURSE AND YEAR	E-MAIL	SIGN
55	Gursimran Kaur	1121128	BSc (P) Life Sci.	Simmyy733@gmail.com	Gaur
56	Vaibhav Gadav	1121170	BSc (P) Life Sci.	Vaibhav07203@gmail.com	Queloz
57	Ankush Kumar	0420009	Sanskrit Hons	ankushsingh4196@gmail.com	Ankur
58	Ravi Sharma	1721058	B.Sc (H) Mathematics	ravirathoresharma@gmail.com	Ravi
59	Dishank Singh	0422092	BA(H) Sanskrit	dishanksingh8931@gmail.com	Dishank
60	Abhit Kumar Tanwar	0422026	B.A (H) Sanskrit	b6tboy4545@gmail.com	Abhit
61	Akshita Singh	0322007	BA(H) Hindi	akshitasingh1999@gmail.com	Akshita
62	Avi	0422028	BA (Skt) Hons	avipankajthakur@gmail.com	Avi
63	Prachi Sharma	0322058	BA (Hons) Hindi	prinyayprachi@gmail.com	Prachi
64	Kanchan	0322002	BA (Hons) Hindi	Kanchan2332001@gmail.com	Kanchan
65	Vicky Kumar	0322088	BA (Hons) Hindi	Vickykrraj1k2k5@gmail.com	Vicky
66	Ayushi Rajal	0422014	BA (H) Sanskrit	ayushy@gmail.com	Ayushi
67	Rachit Dhiman	0322023	BA(H) Hindi	dhimamanchit@gmail.com	Rachit
68	Yuvraj Singh	0322025	BA (H) Hindi	singhyuvi456@gmail.com	Yuvraj
69	Manojot Kanodia	0421028	B.A (H) Sans.		

### 4. Sustained service

Sri Venkateswara College

University of Exeter

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## ATTENDANCE SHEET

TITLE OF THE EVENT:

DATE OF THE EVENT: 19/3/2023

NAME OF THE DEPARTMENT/ SOCIETY: Eco club, Nisha

NAME OF THE EVENT COORDINATOR: Mr. Nishita Bole

[illegible]



## Pictures



**Prof . Vartika Mathur giving sapling to our guest speaker Mr. Vimal V. Belani**



**Group photo with our guest and the pillars of ECO CLUB-our teachers and the core team**



**Talk by Our esteemed guest Mr. Vimal V. Belani**



**Visiting the Rain water harvesting pit in the college front Lawn**



## Event Poster

# WORKSHOP ON MAINTENANCE OF RAINWATER HARVESTING SYSTEM

JOINTLY ORGANISED

BY

INTERNAL QUALITY ASSURANCE

CELL (IQAC) &

ECO CLUB

Sri Venkateswara College,  
University of Delhi



VIMAL V . BELANI  
TOP LEVEL EXPERT  
(MINISTRY OF  
JAL SHAKTI)



Wednesday, 19 April 2023

10 am IST

Venue :- Room No. T1

Prof. C Sheela Reddy  
Principal & Patron

Dr. Nisha Bohra  
&  
Dr. Pooja Gokhle Sinha  
Faculty Coordinators

Prof. Vartika Mathur  
Convenor, ECO CLUB



Let's Join

FOR QUERIES ,  
CONTACT  
ADARSH RAJ

(Rainwater Harvesting  
thrust head)  
+91 9113784051

ARUN MAHILANE  
(Vice President  
ECO CLUB)

+918889742346







## भूजल हो रहा कम, आओ रीचार्ज करें हम!

Save on a rainy day  
The Rain Water Harvesting

### बादल का पानी बचाएं, ऊन की मदद बनाएं

क्यों?

वर्षा जल संयोजन समय की मांग

दिल्ली के जल की सुरक्षा हेतु वर्षा जल संयोजन आवश्यक है। दिल्ली के अपने सीमित पानी के संसाधनों को जोड़ने के उपाय -

- जो भी से बहती अपरफ्लो की पीने के पानी की मांग को पूरा करने में सहायक
- भूजल को ग्रीब गति से गिरते सार को रोकने में सहायक तथा जल गुणवत्ता में सुविधि
- भूजल संसाधनों में विचारा
- हरित आवरण में सुविधि
- जल निष्कास का पुनर्जीवन
- बाद निष्कास में सहायक

### क्या दिल्ली में वर्षा जल संयोजन आवश्यक है?

1. राष्ट्रीय विकास योजना, भारत सरकार का रेगुलेशन -

कानून को अनुसार, 100 वर्ग मीटर तथा उससे अधिक के भू भवनों अथवा भूखंडों के लिए कंठ संरचना के दिनांक 28.07.2001 को जारी निर्देशिका-आई-सी-ओ दिल्ली की अधिसूचना को अनुसार यह अनिवार्य है।

2. दिल्ली जल बोर्ड का रेगुलेशन

(i) भू भवन के लिए न्यूनतम पानी के कनेक्शन की अनुमति RWH सिस्टम दिल्ली जल बोर्ड द्वारा तय की जाएगी जब अपेक्षित दिल्ली नगर निगम/दिल्ली विकास प्राधिकरण/ अन्य नगर विकास प्राधिकरण से मंजूरी भवन की योजना में पंपास चालू वर्षा जल संयोजन प्रणाली की व्यवस्था प्रस्तुत करेगा।

(ii) एक अपेक्षित को बक पानी का कनेक्शन तभी दिया जाएगा जबकि उसके पास क्षेत्रीय अधिवासी अभियान/अधीनस्थ अभियान का भवन में पंपास चालू वर्षा जल संयोजन स्ट्रक्चर को लगाने का प्रमाण पत्र होगा।

(iii) निम्न के क्षेत्रीय राजस्व अधिकारी को सूचना देनी आवश्यक है।

(iv) जहां मानसून के बाद जल स्तर 5 मीटर से कम है वहां वर्षा जल संयोजन के लिए भूजल रिचार्ज न करने की सलाह दी गई है। इन क्षेत्रों में दिल्ली जल बोर्ड के उपनिवेशों पर वर्षा जल संयोजन स्ट्रक्चर न लगाने पर दिल्ली वाटर एंड सेवर टैरिफ एवं मीटरिंग रेगुलेशन 2012 के अनुसार पेनल्टी भरी लगाई जाएगी। हालांकि आवश्यक होना के उपरान्त बादल के पानी को गैर पीने योग्य कचरा के लिए उपयोग करने का वैधानिक विकल्प है।

(v) दिल्ली जल बोर्ड स्थानीय निकायों जैसे नगर निगमों/दिल्ली नगर पालिका दिल्ली छात्रों बॉर्ड तथा दिल्ली विकास प्राधिकरण से अपूर्ण पत्र द्या है कि 300 वर्ग मीटर तथा उससे अधिक की परिसर/भूखंडों की भूखंड योजना की प्रक्रिया के दौरान भारत सरकार के द्वारा निर्देशा दिनांक 28.07.2001 का पालन करें।

(vi) दिल्ली जल बोर्ड स्थानीय निकायों जैसे नगर निगमों/दिल्ली नगर पालिका दिल्ली छात्रों बॉर्ड तथा दिल्ली विकास प्राधिकरण से अपूर्ण पत्र द्या है कि 300 वर्ग मीटर तथा उससे अधिक की परिसर/भूखंडों की भूखंड योजना की प्रक्रिया के दौरान भारत सरकार के द्वारा निर्देशा दिनांक 28.07.2001 का पालन करें।

(vii) अन्य विवरण हेतु दिल्ली जल बोर्ड की वेबसाइट <http://djb.gov.in> पर उपलब्ध अवस्थिति विकास समीक्षा को दिसा निर्देशों का पालन करें।

### वर्षा जल संयोजन स्ट्रक्चर लगाने के लाभ

1. सभी भूखंडों / संयोजनों में दिल्ली जल बोर्ड द्वारा चालू वर्षा जल संयोजन स्ट्रक्चर लगाने पर कुल पानी के मासिक बिलों में 10 प्रतिशत की छूट दी जाएगी।
2. दिल्ली जल बोर्ड के स्वीकृत डिजा निर्देशों के अनुसार चालू वर्षा जल संयोजन स्ट्रक्चर लगाने में अस्वीकृत होने वाले 100 वर्ग मीटर का उससे अधिक की प्रॉपर्टी/भूखंड पर कुल पानी के बिल के 50 प्रतिशत का दंड बसूना जाएगा।
3. दिल्ली जल बोर्ड वर्षा जल संयोजन स्ट्रक्चर की कुल लागत का 50 प्रतिशत अधिवास रुपये 50,000/- की राशि पर वर्षा जल संयोजन प्रणाली लगाने पर वित्तीय सहायता प्रारंभिक के अनुसार उपलब्ध कराता है।

### विदेशी समता के मापने का फार्मुला

छत का क्षेत्रफल (वर्ग मीटर में) x 0.8 (छत के लिए रन ऑफ कोइसीटिड / कंक्रीट क्षेत्रफल) x 0.025 (औसत न्यूनतम रन ऑफ प्रति घंटे के हिस्से से इक्विवलेंट) = छत का क्षेत्रफल x 0.02

अप्रतिष्ठित क्षेत्रों का आंकड़ा, एकक वर्ग, सड़कें तथा कच्चा खुला क्षेत्र क्रमशः 0.60 तथा 0.10 होंगे।

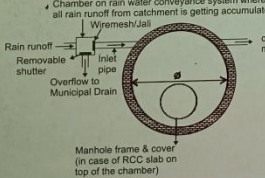


पानी की खराब करें वर्षा जल संयोजन अपनाएं

### आइ.डब्ल्यू.एच. के लिए सर्वोत्तम डिजाईन चैम्बर

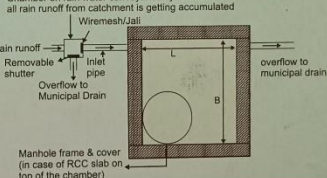
### आइ.डब्ल्यू.एच. के लिए सर्वोत्तम डिजाईन चैम्बर

Chamber on rain water conveyance system where all rain runoff from catchment is getting accumulated (Wiremesh/Jali)



S. No.	Plot Area (sq.m)	Maximum Roof-top area as per GDA MFD-2021	Required Capacity (cum)	Suggestive Diameter (Ø) of Circular Chambers (mm)	Depth (D) of Circular Chambers (mm)
1	100	90	1.8	1.2m (4 ft)	1.6
2	200	150	3	1.5m (5 ft)	1.7
3	300	225	4.5	1.5m (5 ft)	2.5
4	400	300	6	2 structures of size mentioned in S. No. 2 & 1 structure of size mentioned in S. No. 3 (i.e. total 2 structures)	
5	500	375	7.5		

Chamber on rain water conveyance system where all rain runoff from catchment is getting accumulated (Wiremesh/Jali)



S. No.	Plot Area (sq.m)	Maximum Roof-top area as per GDA MFD-2021	Required Capacity (cum)	Suggestive dimensions of Rectangular Chambers/Trenches (length (L) X breadth (B) X depth (D) in meters)
1	100	90	1.8	1.2 X 1.2 X 1.25
2	200	150	3	1.2 X 1.2 X 2.1
3	300	225	4.5	1.5 X 1.5 X 2.0
4	400	300	6	1.8 X 1.8 X 1.85
5	500	375	7.5	1.8 X 1.8 X 2.30

Note: 1. D is effective depth from top of filtermedia to invert level of inlet pipe. 2. RWH can be constructed for required retention capacity, as per availability of space.

### दिल्ली जल बोर्ड / कमरा नं 11

आइ.डब्ल्यू.एच. / जी.डब्ल्यू.सी. इन्फ्रास्ट्रक्चर फेज 1, नॉर्थ ब्लॉक, नई दिल्ली 110005 | Ph: 23553264, 23541223 Extn: 227

e-mail: [info@delhiwaterboard.nic.in](mailto:info@delhiwaterboard.nic.in) | website: [www.delhiwaterboard.nic.in](http://www.delhiwaterboard.nic.in)

अधिक जानकारी के लिए: <http://djb.gov.in> पर आइ.डब्ल्यू.एच. की मदद 1916 पर कॉल करें और हमारे फेसबुक पेज पर भी जा सकते हैं।

सुरक्षित करें



## WATER TABLE IS GOING LOW. WE CAN'T AFFORD TO BE SLOW!

Save on a rainy day  
The Rain Water Harvesting

### RAIN WATER HARVESTING, EASY TOMORROW

WHY?

RAIN WATER HARVESTING NEED OF THE HOUR

Rainwater Harvesting is essential for Delhi's Water Security. By adding to Delhi's own limited water resources and it will

- Help cater to the potable water needs of the ever growing population
- Stop the rapid fall in Ground Water Level and improve Water Quality and Quantity
- Sustainability of Ground Water Resource
- Help maintain Green Cover
- Help revive Water Bodies
- Help to Control Flood

### IS RAINWATER HARVESTING NECESSARY IN DELHI?

1. Regulations from Ministry of Urban Development, GOI: By law, it is mandatory for all NEW buildings on plots of 100 sqm & above as per the notification issued by the Central Government dated 28-7-2001 on the amendment of building bye-laws 1983 for Delhi.

2. Regulations from Delhi Jal Board

- a. Individual Water connections permission to be granted to a new house, only when a certificate is given by the RWH Cell, DJB, that the District level will be recorded along with the necessary details i.e. name, address and contact number(s) of the caller/visitor.
- b. Bulk water connection is given to an applicant only when

he has a certificate of installation of adequate & functional rainwater harvesting structure in his buildings by Executive Engineer / Superintending Engineer of the area.

c. Intimation needs to be given to the nearest ZRO.

d. RWH through artificial groundwater recharge structures is not recommended where post monsoon groundwater levels are shallower than 5m. Penalties as per the Delhi Water & Sewer (Tariff & Metering) Regulations, 2012 will not be levied on DJB consumers for non-provision of RWH system in such areas. However, rainwater storage for its use in non-potable purposes after required treatment may be carried out as a voluntary option.

e. The DJB has been requesting the local bodies viz the Municipal Corporations, New Delhi Municipal Council, Delhi Cantonment Board and GDA to implement the guideline dated 28/07/2001 of the Government of India while processing the building plans of the properties measuring 100 sqm and above.

### WHAT IS DELHI JAL BOARD DOING?

1. Rain Centres are being established in each district by Delhi Jal Board which shall be managed by the officials of Delhi Jal Board to facilitate the public at large in implementation of rainwater harvesting system. At Rain Centres, the record of the visitors/telephone callers will be maintained and pursued to its logical end.
2. Every Call/Visit to the Rain Centres at Varanulaya and at the District level will be recorded along with the necessary details i.e. name, address and contact number(s) of the caller/visitor.
3. For further details, please follow DJB guidelines for RWA which are available at DJB website <http://djb.gov.in>.

### BENEFITS OF INSTALLING RWH STRUCTURE

1. Any plots / properties in which functional rain water harvesting system conforming to DJB approved RWH guidelines is installed is granted rebate of 10% in the total water monthly bill amount.
2. A penalty equivalent to 50% of the total water bill amount is levied on the property on plot measuring 100sqm and above which fails to install RWH as per DJB approved guidelines.
3. As per policy of financial assistance, the DJB provides a financial assistance of 50% of the cost of the RWH system subject to a maximum of Rs. 50,000/- for installation of RWH System.

### FORMULA TO CALCULATE RETENTION CAPACITY

Roof-top area (in sq.m) x 0.8 (runoff coefficient for roof top/concrete area) x 0.025 (average maximum rain fall intensity in metres per hour) = roof top area x 0.02

Runoff for non polluting catchment area such as paved, road and Kacha open area are 0.60 and 0.10 Respectively



SAVE RAIN WATER  
INSTALL RAIN  
WATER HARVESTING

### CIRCULAR RECHARGE CHAMBER FOR RWH

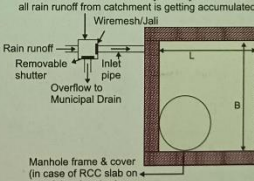
Chamber on rain water conveyance system where all rain runoff from catchment is getting accumulated (Wiremesh/Jali)



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### RECTANGULAR RECHARGE CHAMBER FOR RWH

Chamber on rain water conveyance system where all rain runoff from catchment is getting accumulated (Wiremesh/Jali)



S. No.	Plot Area (sq.m)	Maximum Roof-top area as per GDA MFD-2021	Required Capacity (cum)	Suggestive dimensions of Rectangular Chambers/Trenches (length (L) X breadth (B) X depth (D) in meters)
1	100	90	1.8	1.2 X 1.2 X 1.25
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5	500	375	7.5	1.8 X 1.8 X 2.30

Note: 1. D is effective depth from top of filtermedia to invert level of inlet pipe. 2. RWH can be constructed for required retention capacity, as per availability of space.

### DELHI JAL BOARD / RAIN CENTRE ROOM-11

Rainwater Harvesting Cell, Varanulaya Phase 1, North Block, New Delhi - 110005 | Ph: 23553264, 23541223 Extn: 227

e-mail: [info@delhiwaterboard.nic.in](mailto:info@delhiwaterboard.nic.in) | website: [www.delhiwaterboard.nic.in](http://www.delhiwaterboard.nic.in)

For more details Visit: <http://djb.gov.in> or call our toll free no. 1916 and also visit our Facebook page.

Follow us on

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a. Individual Water connections permission to be granted to a new house, only when a certificate is given by the RWH Cell DJB, that an applicant has provided adequate & functional RWH system as per the provisions in the building plans sanctioned by the MCD/DDA/any other land developing authority.

b. Bulk water is given to an applicant only when he has a certificate of installation of adequate and functional rain water harvesting structure in his building by the DJB authorities or any person/agency authorized by DJB.

c. Intimation needs to be given to the nearest ZRO.

d. RWH through artificial groundwater recharge structures is not recommended where post monsoon groundwater levels are shallower than 5m. Penalties as per the Delhi Water & Sewer (Tariff & Metering) Regulations, 2012 will not be levied on DJB consumers for non-provision of RWH system in such areas. However, rainwater storage for its use in non-potable purposes after required treatment may be carried out as a voluntary option.

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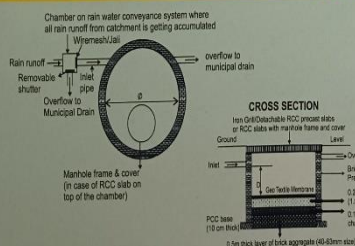
### WHAT IS DELHI JAL BOARD DOING?

1. Jal Shakti Kendra are being established in each district by Delhi Govt & Delhi Jal Board which shall be managed by the officials of Revenue districts under District Magistrates to facilitate the public at large in implementation of collection of rain water through rain water harvesting system, cleaning of water bodies to store rain water etc. At Jal Shakti Kendra, the record of the visitors/telephone callers will be maintained and pursued to its logical end

2. Every Call/Visit to the Jal Shakti Kendra at the District level will be recorded along with the necessary details i.e name, address and contact number(s) of the caller/visitor.

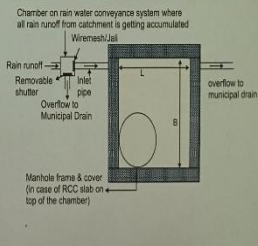
3. For further details, please follow DJB guidelines for RWH which are available at DJB website.

## CIRCULAR RECHARGE CHAMBER FOR RWH



S. No.	Plot Area (sq.m)	Maximum Roof-top area as per DDA MPO-2021	Required Capacity (cum)	Suggestive Diameter (Ø) (Internal) of Circular Chambers (mtrs)	Depth (D) of Circular Chambers (mtrs)
1	100	90	1.8	1.2m (4 ft)	1.6
2	200	150	3	1.5m (5 ft)	1.7
3	300	225	4.5	1.5m (5 ft)	2.5
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## Jal Shakti Kendra For assistance contact your nearest Jal Shakti Kendra

S.No.	District	Name of Nodal Officer & Contact No.	Location	Phone No.
1	(East)	Sh. R.P. Singh SE(East)	Office of the Suptd. Engineer (East) Chitra Vihar B.P.S. Delhi-110092	9910754461
2	North- East	Sh. R.P. Singh SE(NE)	Office of Superintending Engineer (East) 2142, Janta Flats, GTB Enclave, Delhi-110093	011-35553014
3	Shahdara	Sh. U.R. Tripathi EE(NE-I)	Office of Executive Engineer (NE)-1 Janta Flats, GTB Enclave, Delhi-110093	8881724991
4	South	Sh. S.K. Dahiya SE(South)	DJB Office, E-Block opposite PVR Cinema, Saket, New Delhi-110017	9599942466
5	South East	Sh. S.K. Dahiya SE(South)	Room No. 002, Andrews Ganj building complex Adjacent to Defence Colony Police Station Outer Ring Road, New Delhi-110024	9319770138
6	South West	Sh. S.K. Dahiya SE(SW)	Sector-5, DDA Central Nursery, Dwarka, New Delhi-110075	9810191138
7	Central	Sh. R.K. Singhal SE(Centra)	Office of EE (Central) Delhi Jal Board, JLN Marg. Opposite Ramilla Ground UGR & BPS New Delhi	01123280065
8	New Delhi	Sh. S.K. Dahiya SE(SW)	Sector 7, RK Puram Water Emergency Complex New Delhi 110022	9599794407
9	West	Sh. Dalbir Singh SE(West)	Office of Supt. Engineer Office G-17, OHT, Pashchim Vihar, Outer Ring Road, New Delhi (Near Subham Enclave)	011-20850446
10	North West	Sh. Mukesh Jindal SE (North West)	DJB Office, Room No. 26, First Floor MU Block, Pitampura, Near Hotel City Park, Pitampura	011-27346211
11	North	Sh. Pawan Kumar, SE(North)	Shakti Nagar, ZE DJB Office near Shakti Nagar Chowk	011-23841606



## DELHI JAL BOARD

Rainwater Harvesting Assistance Cell, Varunakaya  
Phase-I Karol Bagh, New Delhi - 110005  
Ph : 23058294, 23541223 Extn. 227  
e-mail: djb@delhijalboard.nic.in

@delhijalboardofficial @DelhiJalBoard @delhijalboard www.delhijalboard.nic.in





Tirumala Tirupati Devasthanams  
శ్రీ వేంకటేశ్వర కాలేజ్  
**Sri Venkateswara College**  
(University of Delhi)  
NAAC Grade A+

### CERTIFICATE

This is to certify that the Workshop on Maintenance of Rainwater harvesting system was successfully conducted on April 19, 2023 from 10 am to 11:30 am by Eco Club & IQAC Criterion VII, Sri Venkateswara College in the offline mode and its event report has been submitted to IQAC for records.

*Nisha*

Event In-Charge

*[Signature]*

IQAC Coordinator  
Coordinator, IQAC  
Sri Venkateswara College  
(University of Delhi)  
Dhaura Kuan, New Delhi-110021

*C. Anita Reddy*

Principal  
PRINCIPAL  
Sri Venkateswara College  
(University of Delhi)  
Dhaura Kuan, New Delhi-110021