



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

Dindigul – Palani Highway, Dindigul – 624 002.  
Phone: 0451–2448800–99 (100 Lines) ♦ Fax: 0451–2448855  
Email: [ssmietdgl@gmail.com](mailto:ssmietdgl@gmail.com)♦Website: [www.ssmiet.ac.in](http://www.ssmiet.ac.in)

## DEPARTMENT OF CIVIL ENGINEERING

### WEBINAR REPORT ON

### **"RAINWATER HARVESTING AND HOUSEHOLD WASTE MANAGEMENT"**

Organized by Department of Civil Engineering, SSM Institute of Engineering and Technology in association with Civil Engineers Welfare Association, Dindigul & UltraTech Cement Limited.

**Date : 31/05/2020 (Sunday) at 5 p.m**

#### **Resource Person:**

Ln.Er.J.Venkatraman, M.E. (Environ.), M.Sc (Rev), M.I.E., F.I.V.,  
Harini Constructions, Madurai.

#### **Convener:**

Dr.D.Senthil Kumaran, Principal , SSMIET

#### **Coordinators:**

Mr.A.Arul Gnanapragasam, HoD I/c.- Civil , SSMIET

Mr.M.P.Karthik, AP – Civil, SSMIET

Mrs.C.Merlin Rani, AP – Civil, SSMIET

The Webinar was conducted by Google Meet (Platform was changed from Zoom to Google Meet) and the participants were allowed to join the Webinar from 4.45 p.m onwards and by 5 p.m, all the participants had joined and the programme was started as per the scheduled time. About 89 participants had participated in the webinar including students, Faculty, Researcher, Corporate people, etc., The webinar was hosted by Mr.A.Arul Gnanapragasam, HoD I/c ,Civil Dept., SSMIET. The Webinar was initiated with a warm welcome address by Er.P.Muthukrishnan, President, Civil Engineers Welfare Association, Dindigul and the introduction to the Chief Guest was given by Er.A.Mohamed Ibrahim, Ultra Tech Cement Limited . After that, the speaker started his presentation and he had given many useful ideas regarding the necessity of rainwater harvesting, its arrangement and storing of rainwater during monsoon period and filtration arrangement, uses of rainwater, details about rainfall, its storage and other calculations. He had explained everything with images and



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examples of the Rainwater Harvesting arrangement done at his home , so all the participants had enjoyed the session and the session was ended by 6.30 p.m. The feedback link was posted at the end of the session in the Chat box and also the comments and suggestions were posted by the participants. Finally, the session was ended with a vote of thanks given by Mr.J.Sathish, Vice President, CWA, Dindigul At the end, the Co-ordinator had thanked the Participants for their patience listening and support. The feedback responses were collected and all the participants were issued with e-certificates through Cerify'em on the submission of the feedback.

## WEBINAR POSTER

**SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
Dindigul - Palani Highway, Dindigul - 624 002.  
(Approved by AICTE, New Delhi, Affiliated to Anna University,Chennai & Accredited by NAAC)

**Organizing Team**

*Convenor*  
**Dr. D. Senthil Kumaran,**  
*Principal*

*Coordinators*  
**Mr. A.Arul Gnanapragasam,**  
*HOD-Incharge/Civil*  
**Mr.M.P.Karthik,**  
**Mrs. C. Merlin Rani,**  
*AP/Civil, SSMIET, Dindigul*

*CWA Office Bearers:*  
**Er. P. Muthukrishnan,**  
*President*  
**Er. B. Bharanidharan,**  
*Secretary*  
**Er. R.L. Amalan,**  
*Treasurer*  
**Er. M. Baskaran,**  
*Immediate Past President*

*UltraTech Team Members:*  
**Mr. Geoyes Varghese**  
**Mr. C. Jeyaraman**  
**Er. A. Mohamed Ibrahim**

**DEPARTMENT OF CIVIL ENGINEERING**  
In Association with  
**CIVIL ENGINEERS WELFARE & ULTRATECH CEMENT  
ASSOCIATION, DINDIGUL LIMITED**  
Organizing Webinar on

**RAINWATER HARVESTING AND  
HOUSEHOLD WASTE MANAGEMENT**  
(For Students, Faculty and Engineers)

**RESOURCE PERSON**  
**Ln.Er.J.Venkatraman**  
M.E.(Enviro), M.Sc, (REV), M.I.E., F.I.V  
HARINI CONSTRUCTIONS  
MADURAI

Date:31.05.2020  
Sunday  
Time: 05.00 pm

For Queries :  
70943 40461  
99657 13108

For Registration:  
<https://forms.gle/DmbUr3b59KAtGgrY8>

**E - Certificate**  
will be  
provided

<https://us02web.zoom.us/j/86166999207>

### Changed Login Platform Details :

Google Meet link: <https://meet.google.com/pij-prug-ryb>



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## SCREENSHOTS TAKEN DURING THE WEBINAR PRESENTATION

venkat raman is presenting

### Why Rain water should be harvested

- To conserve & augment the storage of ground water
- To reduce water table depletion
- To improve the quality of ground water
- To arrest sea water intrusion in coastal areas
- To avoid flood & water

People (97)

C.MERLIN FANI (You)  
ANDREW Melvin  
Ankit Agarwal  
anthony ikkidak  
anu priya  
Arul Jose Angelina  
Bala Hesh  
BASKARAN MANICKAM  
Brinda Muthukrishnan  
deeksha punashetharan  
Dhevulan Vilangiah  
Dr M.Palanisamy ME, PhD  
Do my Settings to activate Windows  
Dr M.Palanisamy ME, PhD

venkat raman is presenting

### Filter Media

People (97)

MANKANDAN E 5:41 PM  
Now visible sir  
Dr M.Palanisamy ME, PhD 5:50 PM  
Easy to understand the calculation  
suresh kumar 5:50 PM  
No screen view  
MANKANDAN E 5:58 PM  
Yes ofcourse sir  
It's very useful information  
ANDREW Melvin 5:58 PM  
VERY USEFUL  
govri sankar 5:57 PM  
Some connection issue ?  
Ankit Agarwal 5:57 PM  
yes its very useful  
seraswathi kannan 5:57 PM  
Not audible  
Previous 10 messages Go to Settings to activate Windows  
Send a message to everyone



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venkat raman is presenting

MOHAMED YO...  
and 79 more

6) Cleaning utensils, mopping floors, washing vehicles will give more shine.

7) Shaving (for men) using 50 ml of rain water will increase the efficiency of shaving and life of the blade.

8) Health It takes care of kidneys, Urinary infection will be avoided.

9) Hair wash with rain water will prevent hair falling for ladies.

10) In RO system-for every 100 litres input 70 litres is wasted with more salt, Which goes into ground and pollute the ground water  
(Increase in TDS, affecting pH value)

venkat raman is presenting

1 People (89) Chat

suresh kumar

Suresh Yadav

E. Vilayakarlar CIVIL

Velmathi S

Veena Subramanian

venkat raman (Presentation)

vijaya kumar

Vini sebastina

Vinoosaiji kamari

Vishal Vishal

Vajooj shyamala Sankaran

Filter Bed

**Stage 5:**

Filtered water is collected in the sump and allowed to sedimentation

Siva Kumar has left the meeting



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## FEEDBACK (GOOGLE FORM) LINK FOR GETTING E-CERTIFICATE POSTED IN THE CHAT BOX

venkat raman is presenting

Naga Rajan civil staff has left the meeting

People (79) Chat

Santhos Kumar 6:16 PM Ppt not visible sir

mathivanan mathivanan 6:16 PM video is not available

BASKARAN MANICKAM 6:16 PM Send me feedback link

Lenin subramanian 6:16 PM Ppt is not visible

You 6:17 PM [https://docs.google.com/forms/d/e/1FAIpQLSsocfZ707mg2YX\\_LATHO9IBc7pJ8ht124\\_cPY457aOF8LAvwvIewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSsocfZ707mg2YX_LATHO9IBc7pJ8ht124_cPY457aOF8LAvwvIewform?usp=sf_link)  
Kindly submit the feedback within 45 minutes.

saraswathi kannan 6:19 PM Feedback link now working mam. Good session

Send a message to everyone

venkat raman is presenting

PREMASUNDARI. S has left the meeting

People (72) Chat

mathivanan mathivanan 6:16 PM video is not available

BASKARAN MANICKAM 6:16 PM Send me feedback link

Lenin subramanian 6:16 PM Ppt is not visible

You 6:17 PM [https://docs.google.com/forms/d/e/1FAIpQLSsocfZ707mg2YX\\_LATHO9IBc7pJ8ht124\\_cPY457aOF8LAvwvIewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSsocfZ707mg2YX_LATHO9IBc7pJ8ht124_cPY457aOF8LAvwvIewform?usp=sf_link)  
Kindly submit the feedback within 45 minutes.

saraswathi kannan 6:18 PM Feedback link now working mam. Good session

kohala k 6:20 PM Nice session very interesting

Send a message to everyone



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## FEEDBACK FORM SUBMITTED BY A PARTICIPANT

6/2/2020 RAINWATER HARVESTING AND HOUSEHOLD WASTE MANAGEMENT-FEEDBACK FORM

**RAINWATER HARVESTING AND HOUSEHOLD WASTE MANAGEMENT-FEEDBACK FORM**

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL  
IN ASSOCIATION WITH CIVIL ENGINEERING WELFARE ASSOCIATION & ULTRATECH CEMENT LIMITED  
DATE: 31.05.2020, SUNDAY

Email address \*

rahamath.jtm@gmail.com

FULL NAME \*

Dr. I. Rahamathullah

MOBILE NUMBER \*

9444269773

ORGANIZATION \*

Government College of Engineering Sritangam

EMAIL ID \*

rahamath.jtm@gmail.com

[https://docs.google.com/forms/d/1kWWlhFCsW\\_dMsZ4RjV3GbMy35UNYyh4\\_NtqUNULkCDw/edit#response=ACYDBNg-FCseD93zUgbkOXdZ4a3e...](https://docs.google.com/forms/d/1kWWlhFCsW_dMsZ4RjV3GbMy35UNYyh4_NtqUNULkCDw/edit#response=ACYDBNg-FCseD93zUgbkOXdZ4a3e...) 1/2



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8/2/2020 RAINWATER HARVESTING AND HOUSEHOLD WASTE MANAGEMENT-FEEDBACK FORM

**OVERALL RATING \***

1	2	3
Satisfactory		Excellent

**ANY SUGGESTION \***

Nice and highly informative

This content is neither created nor endorsed by Google.

Google Forms

## RESPONSES COLLECTED ON THE FEEDBACK FORM SUBMISSION

A	B	C	D	E	F	G
Timestamp	Username	FULL NAME	MOBILE NUMBER	ORGANIZATION	EMAIL ID	ANY SUGGESTION
2 2020/05/30 10:18:27 AM GMT+5:30	merlinran2001@gmail.com	C.MERLIN RANI	7094340461	SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY	merlinran2001@gmail.com	Good session
3 2020/05/31 6:07:58 PM GMT+5:30		PREMA A	8971237867	Sri Varana Siddheshwara Institute of technology banglore	premashet213@gmail.com	Nice session
4 2020/05/31 6:15:56 PM GMT+5:30	sarasnethra@gmail.com	SARASWATHI.K	9963557356	Hindusthan college of Engineering and Technology	sarasnethra@gmail.com	Very good session
5 2020/05/31 6:15:11 PM GMT+5:30	ashuramesh39@gmail.com	AISWARYA. R	9954204885	AVINASHILINGAM INSTITUTE FOR HOME SCIENCE AND HIGHER EDUCATION FOR WOMEN	ashuramesh39@gmail.com	A good one
6 2020/05/31 6:15:37 PM GMT+5:30	rit.jaya0429@gmail.com	P Jayasree	8374752824	Raghu institute of technology	rit.jaya0419@gmail.com	Nil
7 2020/05/31 6:16:53 PM GMT+5:30	vinisebastina@gmail.com	VINI SEBASTINA V	9788163862	Christian college of engg & tech, oddanchatram, Dindigul	vinisebastina@gmail.com	Useful session
8 2020/05/31 6:16:55 PM GMT+5:30	korapatimagi@gmail.com	KORAPATI MANGA	8790364534	NAVAS SHAH ALAM KHAN COLLEGE OF ENGINEERING AND TECHNOLOGY	Korapatimagi@gmail.com	Kindly send the ppt sir . It was nice session
9 2020/05/31 6:16:57 PM GMT+5:30	flowerlyoyal@gmail.com	YALJOOR SHYAMA L. S	8870969816	Avinashilingam Institute for Home Science and Higher Education for Women, School of Engineering	flowerlyoyal@gmail.com	No comments
10 2020/05/31 6:17:08 PM GMT+5:30	rkathi25@gmail.com	KATHIRAVAN.N	9766035578	ARU College of engineering and technology maniyargudi	rkathi225@gmail.com	Thank u sir.... Very useful for me...
11 2020/05/31 6:17:15 PM GMT+5:30	selvapriyach@gmail.com	V SELVAPRIYA	8220598391	PGS Institute of Technology and Applied Research,Coimbatore	selvapriyach@gmail.com	Nil
12 2020/05/31 6:17:25 PM GMT+5:30	ilakkiyasenthil11@gmail.com	TS ILAKKIYA	9629094571	Aj college of engineering	ilakkiyasenthil11@gmail.com	Thank so much for your informative session...
13 2020/05/31 6:17:38 PM GMT+5:30	pmanikandanpmk@gmail.com	Mr. P Manikandan	9785764584	NPR College of Engineering and Technology	pmanikandanpmk@gmail.com	Nil
14 2020/05/31 6:17:41 PM GMT+5:30	dhalhashi0916@gmail.com	Mohamed Darvesh	7598152925	PSNA CET	dhalhashi0916@gmail.com	Very useful
15 2020/05/31 6:17:53 PM GMT+5:30	priyanarun01062009@gmail.com	ROHINI SHANNUGAPRIYA M	9500286677	KUN COLLEGE OF INFORMATION TECHNOLOGY	priyanarun01062009@gmail.com	good presentation
16 2020/05/31 6:18:00 PM GMT+5:30	karakiruba4408@gmail.com	KIRUBAKARAN S	9080269662	Jansons Institute of Technology	karakiruba4408@gmail.com	Nothing
17 2020/05/31 6:18:26 PM GMT+5:30	pmanikandanpmk@gmail.com	P Manikandan	9785764584	NPR College of Engineering and Technology	pmanikandanpmk@gmail.com	Nil
18 2020/05/31 6:18:29 PM GMT+5:30	praveendream@gmail.com	V.PRAVEEN JESURAJ	5994473839	SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY	praveendream@gmail.com	Nil
19 2020/05/31 6:18:33 PM GMT+5:30	premnivas11@gmail.com	M.PREM NIYAS	9487373968	K.L.N.College of information technology	premnivas11@gmail.com	Good
20 2020/05/31 6:18:34 PM GMT+5:30	vijayashankar@srce.ac.in	T.VIJAYASHANKAR	7220718570	K.S.R.COLLEGE OF ENGINEERING	vijayashankar@SRCE.AC.IN	Nice Presentation
21 2020/05/31 6:18:35 PM GMT+5:30	govtiansarkar1128@gmail.com	Gowrisankar P	638091499	L&T	govtiansarkar1128@gmail.com	Need sufficient time to share details effectively
22 2020/05/31 6:18:36 PM GMT+5:30	seconst18@gmail.com	L PERIYASAMY	9894456277	TAMILNADU COLLEGE OF ENGINEERING	seconst18@gmail.com	Nil
23 2020/05/31 6:18:41 PM GMT+5:30	veenusubbu524@gmail.com	Mrs VEENA T S	9043108452	VLB Janakiarman College of Arts and Science	veenusubbu524@gmail.com	Very useful and informative sessions
24 2020/05/31 6:18:42 PM GMT+5:30	vinisebastina@gmail.com	VINI SEBASTINA V	9788163862	Christian college of engg & tech, oddanchatram, Dindigul	vinisebastina@gmail.com	Informative session
25 2020/05/31 6:18:44 PM GMT+5:30	sharmukhay@gmail.com	Sharmukha Yarlagadda	9559688686	Jigiga University	sharmukhay@gmail.com	Awesome presentation
26 2020/05/31 6:18:56 PM GMT+5:30	premasundaris@gmail.com	PREMASUNDARI S	9677844261	NPR COLLEGE OF ENGINEERING AND TECHNOLOGY	premasundaris@gmail.com	No
27 2020/05/31 6:18:53 PM GMT+5:30	kumar@saveetha.ac.in	Dr.A.Kumar	9500651760	Saveetha Engineering College	kumar@saveetha.ac.in	Good One. Conduct more webinars like this
28 2020/05/31 6:18:59 PM GMT+5:30	manikandar9555@gmail.com	Mr. MANIKANDAR E	6579991927	ADH COLLEGE OF ENGINEERING AND TECHNOLOGY	manikandar9555@gmail.com	It's very useful information sir...Pls send me sir mail id..... Kindly request sir...Than

FEEDBACK FOR WEBINAR ON 31.5.2 | Sheet1 |



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## SUGGESTIONS / FEEDBACK RECEIVED FROM THE PARTICIPANTS

 Subbiah mariappan  
to me ▾

Mon, Jun 1, 1:40 PM (3 days ago)   

I thankful to organising instituteand the civil Engineering department of the institute and staff who involved in the webinar program and Dindikal Civil Engineer welfareAssociation and Ultratech cement Ltd and Panelist shri.Venkataraman sir  
for given informative and useful topic for the public as well as Engineers regarding the rainwater harvesting arrangement and storing of rainwater during monsoon period and filtration arrangement details about rainfall 840mm and storage of 7200litre and other calculation.  
during the webinar with enjoyable and worthy one with some interruption.  
I am requesting you to issue  
Participants E-Certificate  
Once thank again for all with warm regards from

Er.S.MARIAPPAN, BE(CIVIL),  
M.Tech(Struct),MIE,FIV,LLB,  
M.Sc(Valuation),  
M.Sc(P&M Valuation),M.I.Iarb  
#Consulting Engineers  
#Chartered Engineer  
#Govt Registered Valuer.  
#TN Govt.DTCP.Approved Structural Engineer.  
#TN Govt.DTCP.Approved Registered Engineer.  
#TN Govt.DTCP.Approved  
Registered Construction Engineer.  
Govt Registere Contractor-CPWD-Class-II,Railway,LIV,  
Abhinavpromoters  
83-E, 14 Th South Street  
Thiyagarajanagar  
TIRUNELVELI  
TAMILNADU-627011  
Cell:9843151339,8778624231  
Mail Id: abhinavpromoters@gmail.com

Activate Windows  
Go to Settings to activate Windows

 Kalaimani D  
to me ▾

Mon, Jun 1, 11:10 AM (3 days ago)   

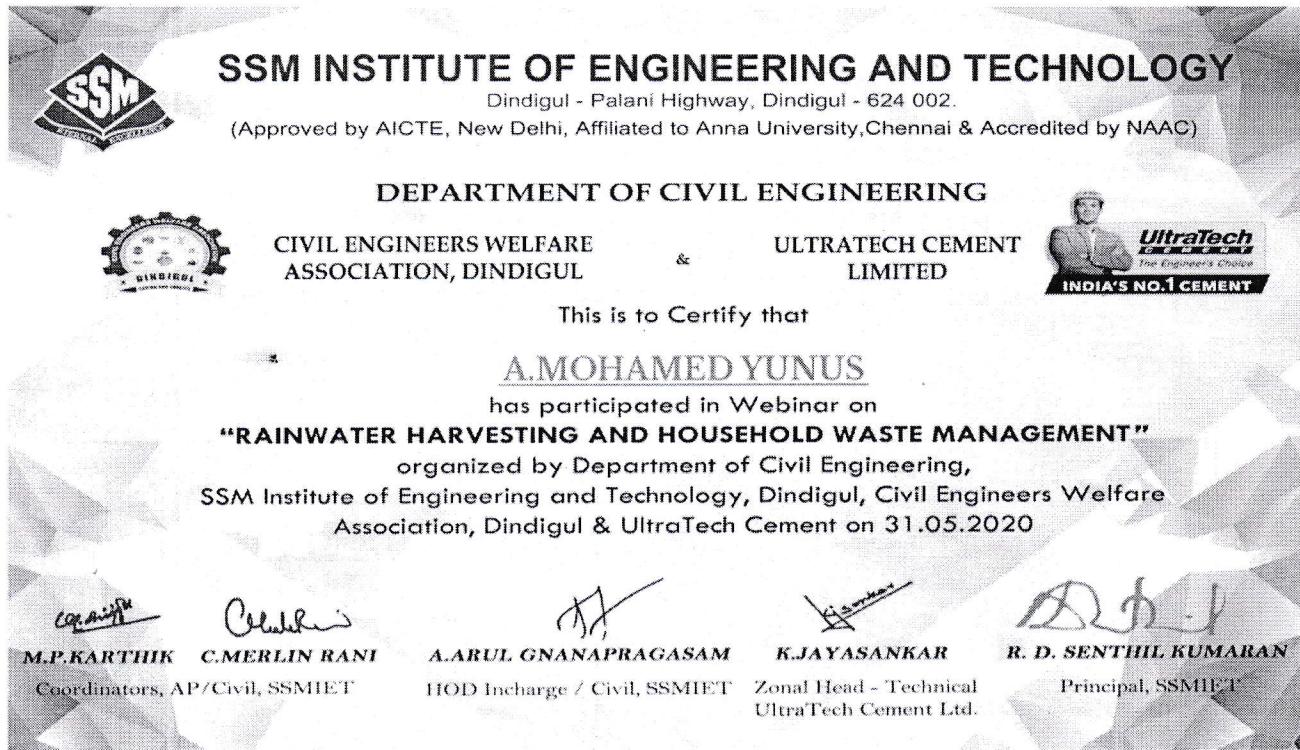
Respected mam,  
Presentation on the above topic is very clear and nice. I got some ideas from this webinar. Kindly send ppt. It is useful to teach students. Here screen shot of attending webinar is attached herewith.  
Thanking you  
Yours faithfully  
D. Kalaimani



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## SAMPLE OF THE E-CERTIFICATE ISSUED TO A PARTICPANT



1.   
2.   
3.

Co-ordinators

1.A.Arul Gnana Pragasam  
2.M.P.Karthik  
3.C.Merlin Rani

HoD – Civil

(A.Arul Gnana Pragasam)

Principal