



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

Dindigul – Palani Highway, Dindigul – 624 002.

Phone: 0451-2448800-99 (100 Lines) Fax: 0451-2448855

Email: ssmiedgl@gmail.com

Website: www.ssmiet.ac.in

DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR: 2022 – 2023 (ODD SEMESTER)
REPORT
on
VALUE ADDED COURSE ON
NON-SEWERED SANITATION IN ACHIEVING
SWACHH BHARAT MISSION 2.0

Date : 10/8/2022 12/8/2022

Venue : Video Conference Hall

Course Co-ordinator : Dr.D.Hemalatha Vice Principal, WASH Institute.

Event Co-ordinators : Mrs.C.Merlin Rani & Mr.V.Praveen Jesuraj, AP/CIVIL

The Department of Civil Engineering had organized “Three Days Value Added Course on Non-Sewered Sanitation in Achieving Swachh Bharat Mission 2.0” for III & IV year students from 10/8/2022 to 12/8/2022. The Course was commenced with the inaugural function at 9:30a.m (Seminar Hall 1) on 10/8/2022 with Tamizh Thai Valthu, followed by Welcome address by Dr.G.Selvabharathi Mrs.C.Merlin Rani had introduced the Course coordinator and trainer to the gathering. The Course coordinator Dr.D.Hemalatha gave an Introduction about Non-Sewered Sanitation Public health sanitation-Nexus and Scope of NSS in Swachh Bharat Mission 2.0 and the trainer Ms.Vinitha had shared few points on Sanitation and the session was ended with National anthem at 10.45 a.m.

The students were asked to assemble at Video Conference hall at 11:00 a.m. and the first session was handled by Dr.D.Hemalatha.

The following topics were discussed in Technical session.

- Public health and sanitation Nexus
- Overview of Non-Sewered Sanitation (NSS)
- Scope of NSS in Swachh Bharat Mission 2.0
- Small scale Sanitation Systems in India
- Faecal sludge and septage Management – stake holders and Interventions

After this session, the student was refreshed with some activities.

In the technical session II on 11/08/2022, the following topics were discussed.

- Decentralized Waste water Treatment Systems
- FS containment Systems, Emptying and Transportation
- FS Treatment Technologies
- Resource recovery from Fecal sludge
- Gender Inclusive Sanitation

In this Session, students are divided into four groups, such as commissioner, FSTP operator, Truck operator, Health department and were given with a case study on “FS crisis in a city” and they were informed to give their views to solve this crisis. Students had actively participated in this activity and shared their own ideas on this issue.

In technical Session III on 20/8/2022, students had visited the WASH institute at Rediyarchatram and the whole team of students were separated into 3 groups and they were demonstrated with the mobile sludge treatment unit , followed by chemical testing laboratory and viewed the various types of cost effective materials used for construction of toilets, septic tank models, sanitary napkin incinerators and they were explained with how to use the decomposed sludge and treated water for natural plants.

By this programme, the students came to know about the importance of Faecal Sludge disposal / treatment systems and also on Swachh Bharath Mission.

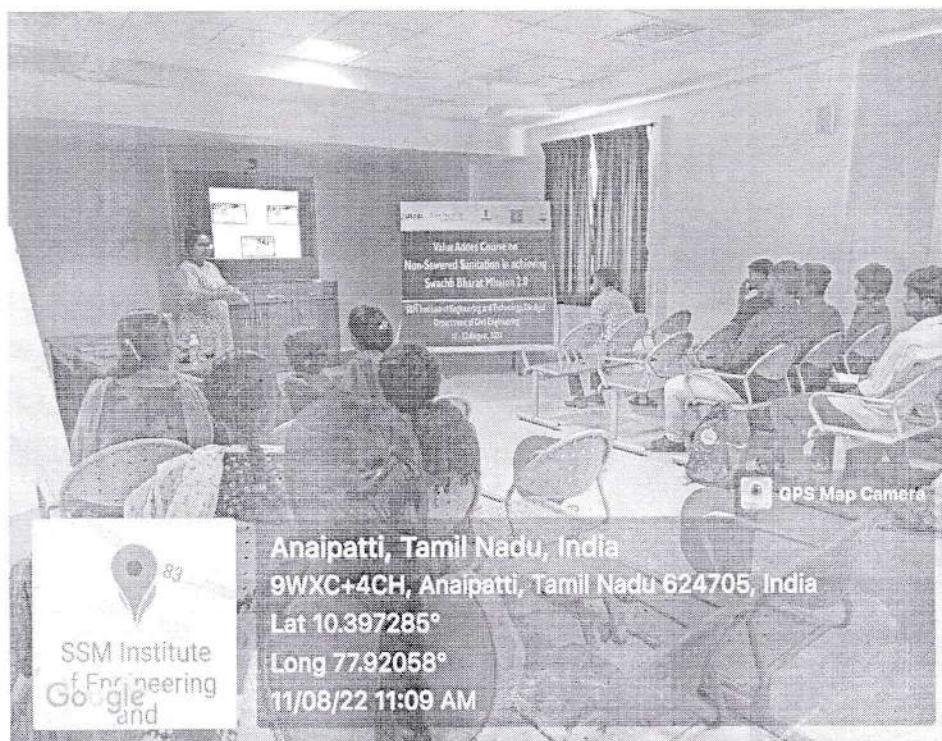
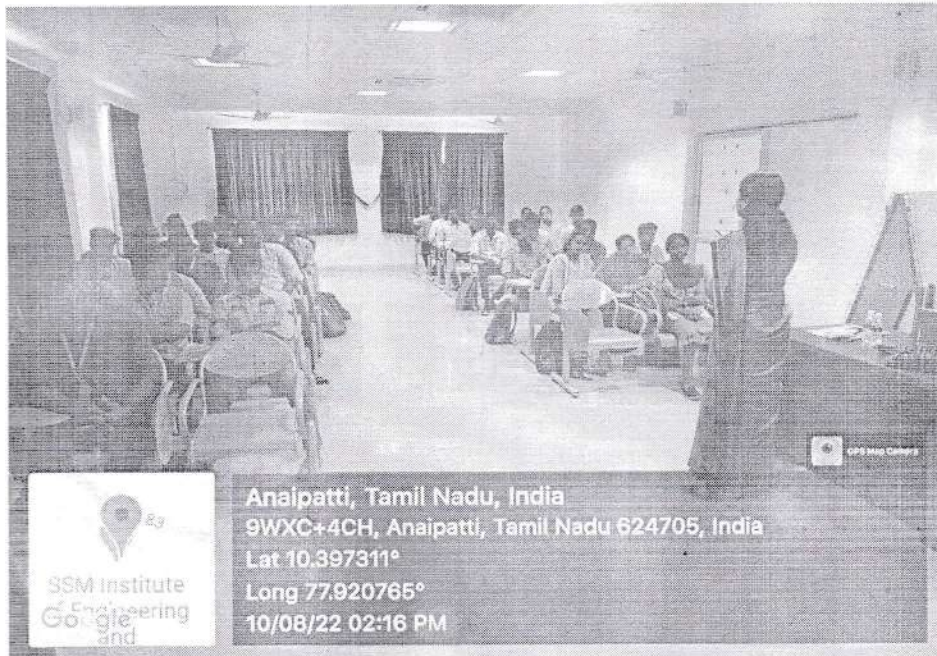
Chief Guest Address at seminar Hall



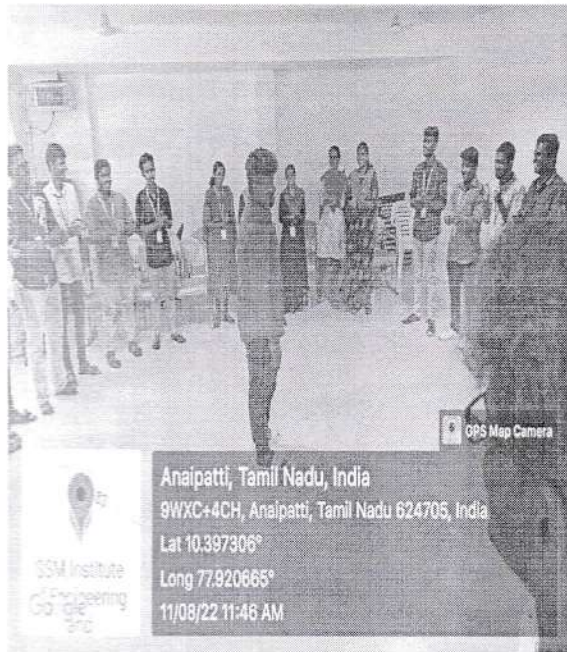
Chief Guest Speech



Day 1 - Session at video conference Hall



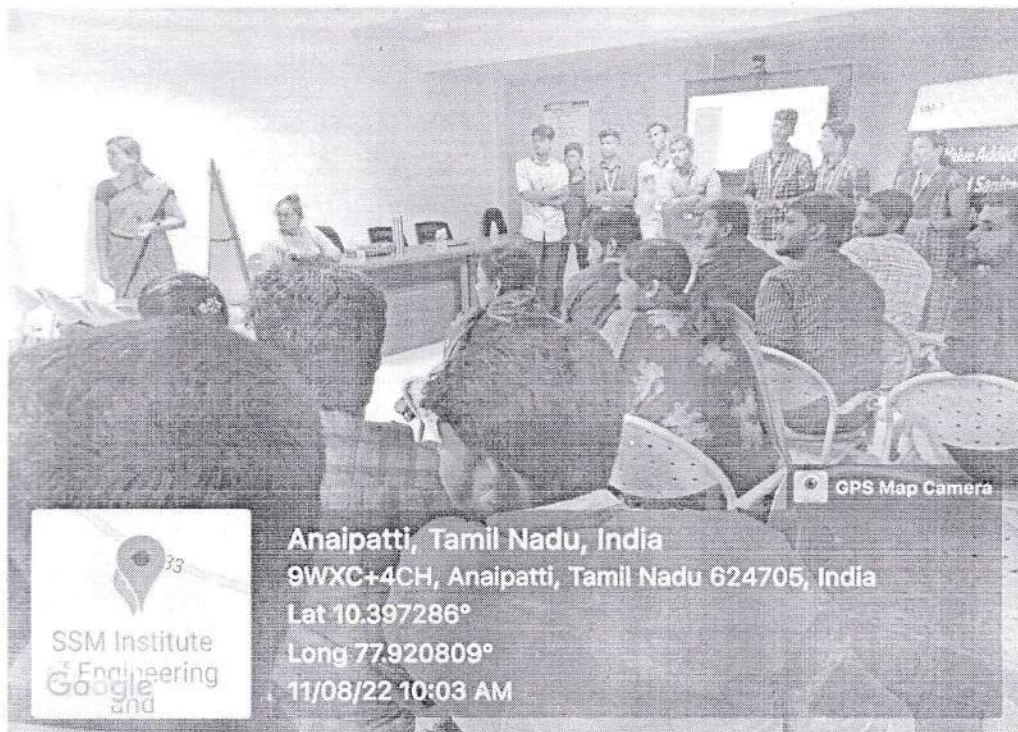
Activities on 10/08/2022



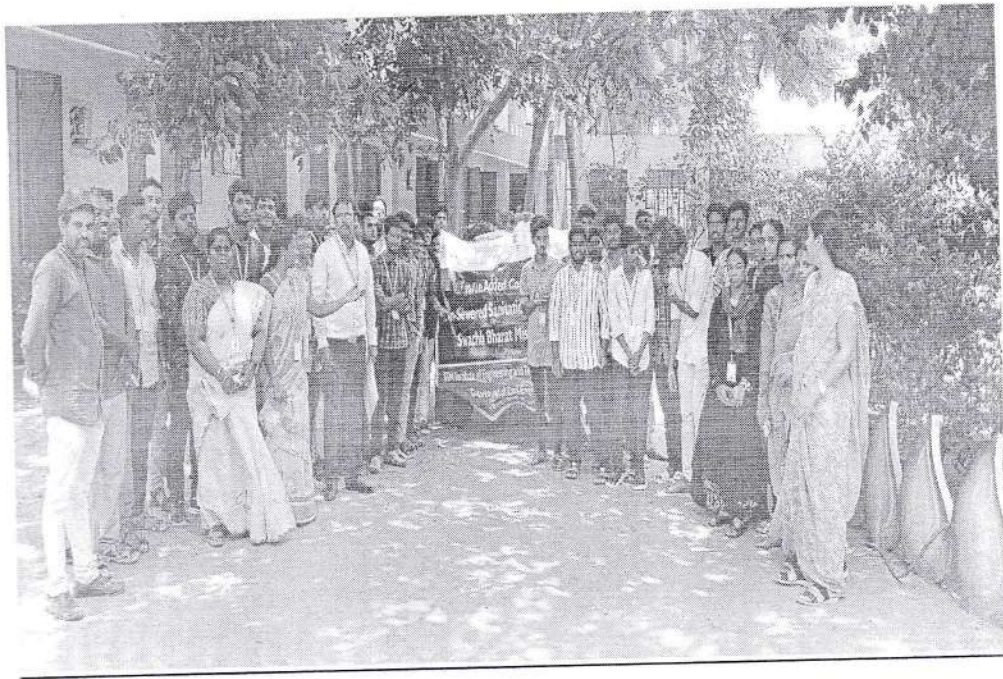
Technical session



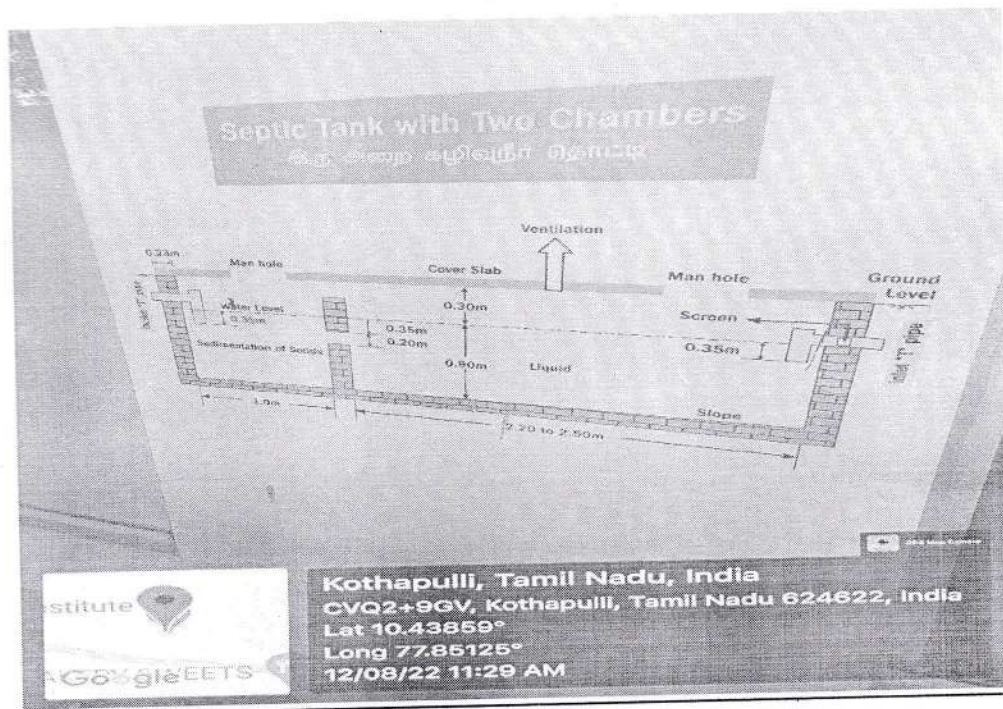
Case studies Discussion on 11/08/2022



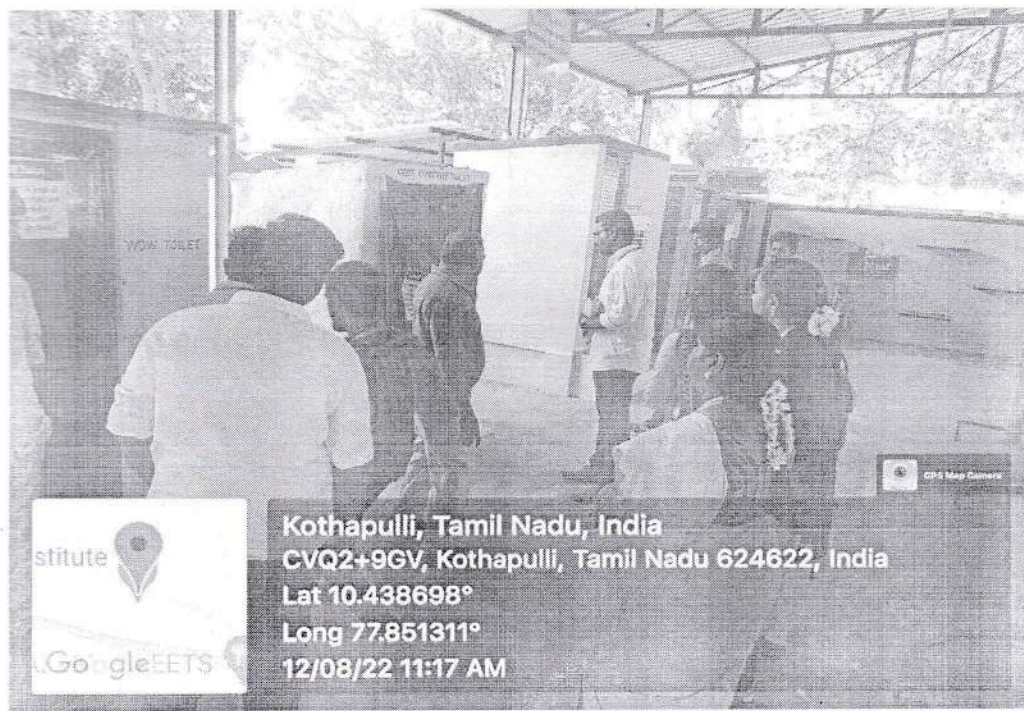
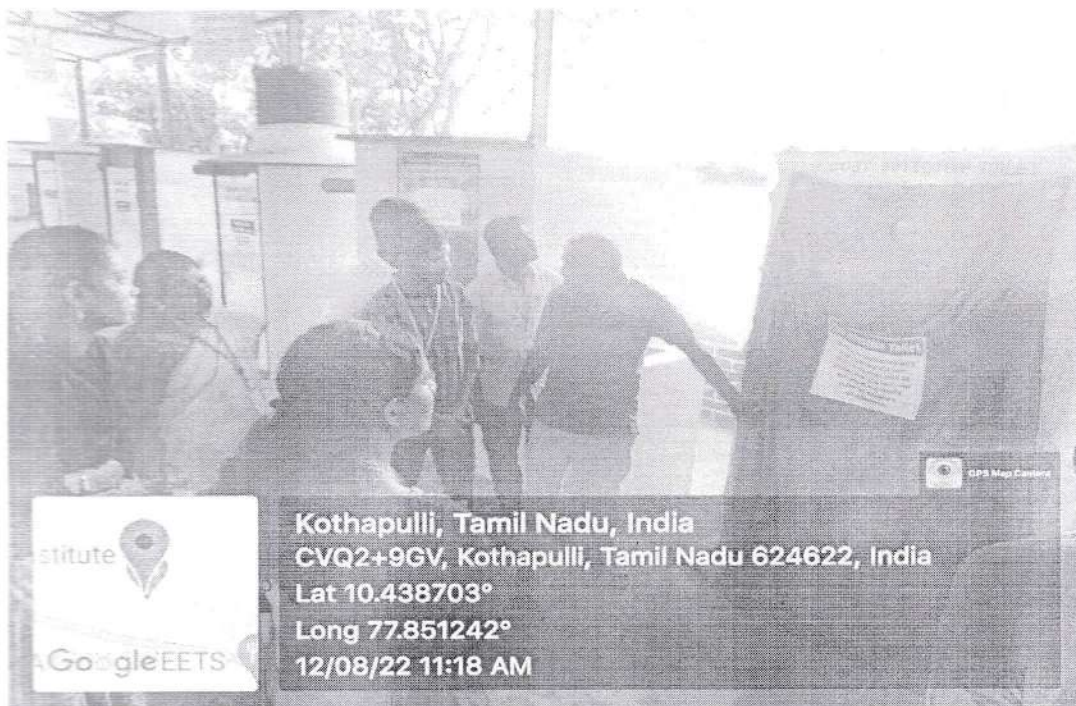
Industrial Visit, WASH Institute, Rediyarchatram



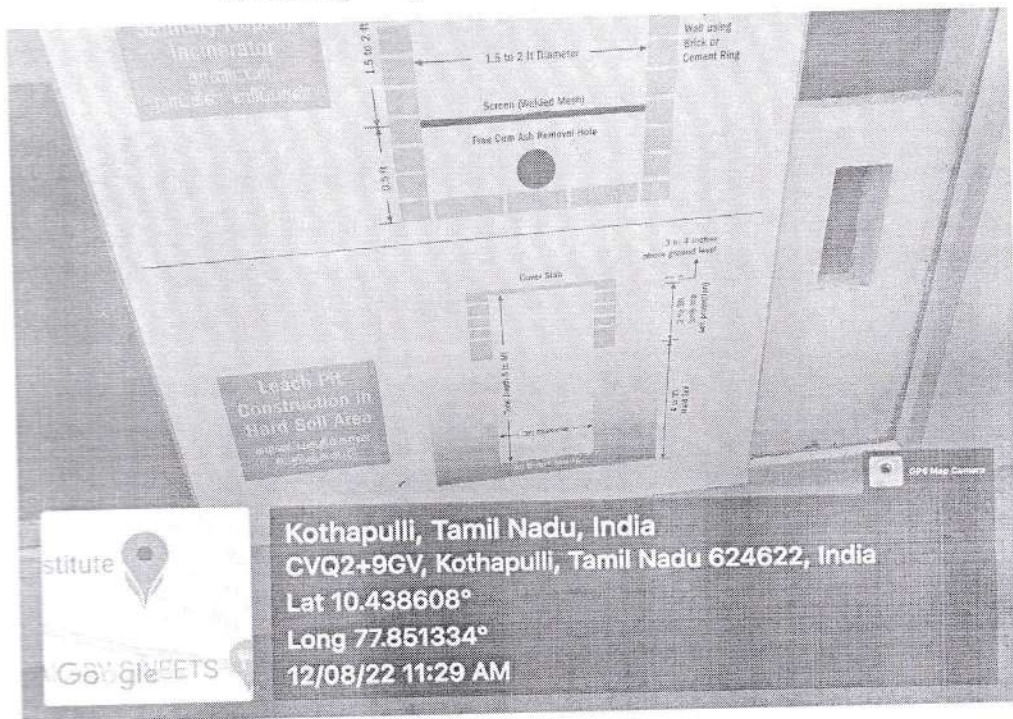
Plan of Septic tank with two chambers



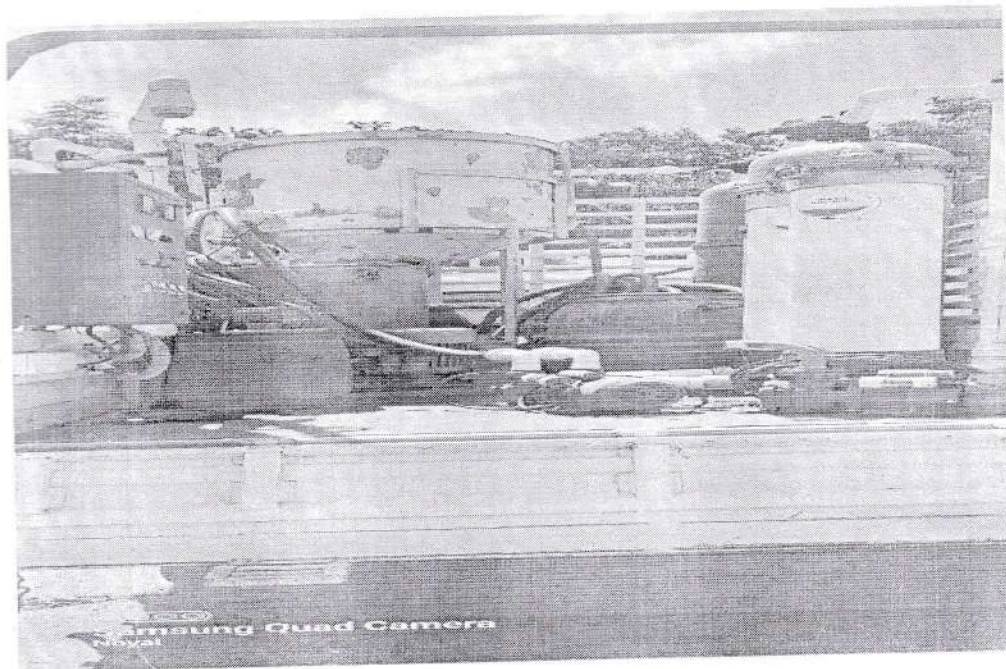
Cost Effective Toilet Models



Sanitary Napkin Incineration Model



Mobile sludge treatment unit



1. *C. Merdin Rani*
2. *V. Praveen*
EVENT CO-ORDINATORS

P. S. J.
HOD/CIVIL

D. D. J.
PRINCIPAL

C. MERDIN RANI, AP/civil
V. PRAVEEN JESURAJ AP/civil



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DEPARTMENT OF CIVIL ENGINEERING

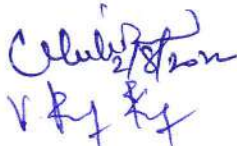
02/08/2022

Submitted to the Principal :

Respected Sir,

Subject : Requesting permission to conduct Value Added Course - Reg.

It has been planned to conduct Value Added Course on "Non-Sewered Sanitation in achieving Swachh Bharat Mission 2.0" by Water, Sanitation And Hygiene Institute (WASH Institute), Dindigul at our Campus from 10/8/2022 to 12/8/2022 for III Year and IV Year students. Kindly grant us permission to conduct the Value added course.


Co-ordinators

C. Merlin Rani &
V. Praveen Jesuraj


HoD/Civil


Principal



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DEPARTMENT OF CIVIL ENGINEERING

02/08/2022

Submitted to the Principal :

Respected Sir,

Subject : Requisition of Food and Accommodation for guest during Value Added Course - Reg.

It has been planned to conduct Value Added Course on "Non-Sewered Sanitation in achieving Swachh Bharat Mission 2.0" by Water, Sanitation And Hygiene Institute (WASH Institute), Dindigul at our Campus from 10/8/2022 to 12/8/2022 for III Year and IV Year students.

In this regard, the following requirements are needed. Kindly do the needful.

S.No.	Requirements	Total No.s
1.	Memento	2 No.s
2.	Food & Accommodation	For 1 member (3 days)
3.	Food (Breakfast & Lunch)	1 no. (2 days)
4.	Refreshment (Tea & Snacks) - Seminar Hall 1 Pre-lunch & After lunch	2 times per day (50 no.s)
5.	Water bottle	3 no.s per day
6.	Bus (To Reddiarchattram on 12/08/2022) Total no. of students : 33 + 2 faculty	Bus - 1 No.


HoD/Civil

(Dr. G. Selvabharathi)


PRINCIPAL



BILL & MELINDA
GATES foundation



**Three Days -Value added Course on
NON-SEWERED SANITATION IN ACHIEVING SBM 2.0**

Organized by

**WATER, SANITATION AND HYGIENE INSTITUTE
(WASH Institute)**

**IN ASSOCIATION WITH
SSM COLLEGE OF ENGINEERING AND TECHNOLOGY,**

DINDIGUL

Department of civil Engg

AGENDA

Time	Session	Topic	Speaker
DAY I (10.08 .2022)			
09:30-10:00 AM	Inauguration		
10:00-11:00 AM	Technical Session I	Public Health and Sanitation-Nexus	Dr. Hemalatha
11:00-12:00 PM	Technical Session II	Overview of Non-Sewered Sanitation (NSS)	Mr. Anwar
12:00-01:00 PM	Technical Session III	Scope of NSS in Swachh Bharat Mission 2.0 (SBM 2.0)	Dr. Hemalatha
01:00-01:30 PM	Lunch Break		
01:30-02:30 PM	Technical Session IV	Small Scale Sanitation Systems in India	Mr. Anwar
02:30-03:30 PM	Technical Session V	Fecal Sludge (FS) and Septage Management- Stakeholders and Interventions (Activity I)	Mr. Anwar
DAY II (11.08.2022)			
09:30-10:30 AM	Technical Session I	Decentralized Wastewater Treatment systems	Dr. Hemalatha
10:30-11:30 PM	Technical Session II	FS Containment systems, Emptying and Transportation	Mr. Anwar
11:30-12:30 PM	Technical Session III	FS Treatment technologies	Mr. Anwar
12:30-01:00 PM	Lunch Break		
01:00-01:30 PM	Activity II		
01:30-02:30 PM	Technical Session IV	Resource recovery from Fecal sludge	Dr. Hemalatha
02:30-03:30 PM	Technical Session V	Gender Inclusive Sanitation	Dr. Hemalatha
DAY III (12.08.2022)			
09:00-04:00 PM	Exposure Visit	MTU Visit at WASH Academy	Dr. Hemalatha



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Dindigul-Palani Highway, Dindigul - 624 002, Tamilnadu

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai, Accredited by NAAC)



USAID
FROM THE AMERICAN PEOPLE

BILL & MELINDA
GATES foundation



Ministry of Housing
and Urban Affairs
Government of India



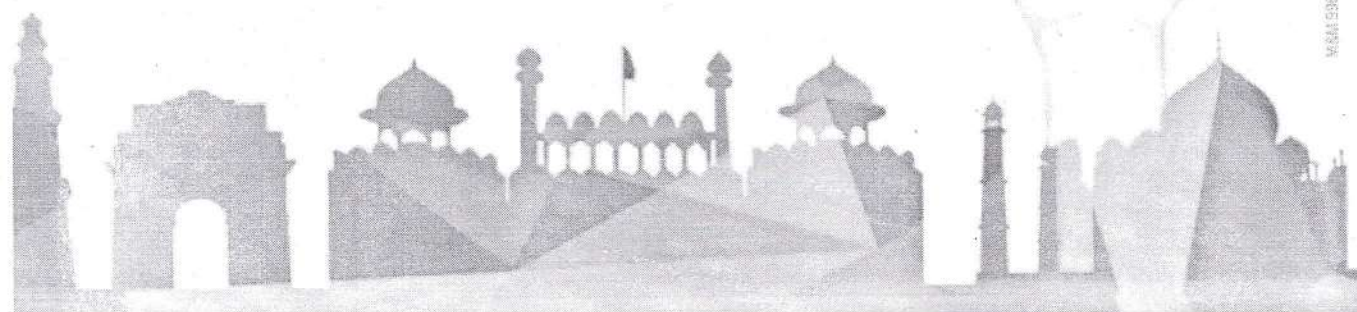
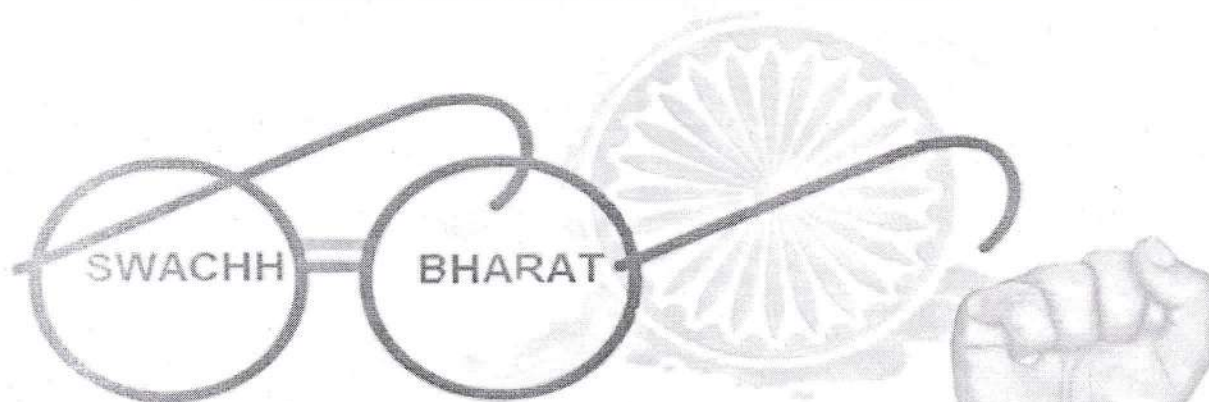
DEPARTMENT OF CIVIL ENGINEERING

Organizes

Value added Course on

NON-SEWERED SANITATION IN ACHIEVING SWACHH BHARAT MISSION 2.0

Date : 10th to 12th August, 2022 | Venue : Seminar Hall-1



Course Coordinator

Dr. D. Hemalatha
Vice Principal
Wash Institute, Dindigul

Event Coordinators

Mrs. C. Merlin Rani
AP/Civil

Mr. V. Praveen Jesuraj
AP/Civil

Dr. G. Selvabharathi
HoD/Civil

Chairperson

Dr. D. Senthil Kumaran
Principal



BILL & MELINDA
GATES FOUNDATION



**Attendance Sheet for Value Added Course on
NON-SEWERED SANITATION IN ACHIEVING SBM 2.0
Civil Engineering Students**

Date: 10-08-2022 (DAY 1)

SL. No.	Register No.	Name of the Students	Year of Study	Signature	
				FN	AN
1	922120103001	ALAGENDIRAN A	III Year	A. Alagendiran	A. Alagendiran
2	922120103002	ANU PRABHA M	III Year	Anu Prabha	Anu Prabha
3	922120103003	ARUL YOWAN P	III Year	Arul Yowan	Arul Yowan
4	922120103004	EZHILARASHAN B	III Year	Ezhilarashan	Ezhilarashan
5	922120103005	HARIPRASATH S	III Year	Hariprasath	Hariprasath
6	922120103006	MANOJ N	III Year	Manoj N	Manoj N
7	922120103007	MUKESH CHELLAM M	III Year	Mukesh Chellam	Mukesh Chellam
8	922120103008	MUTHAMIZH SELVAN M	III Year	M. Muthamizh Selvan	M. Muthamizh Selvan
9	922120103009	RAGUNATH BOOPATHI S	III Year	R. Ragunath Boopathi	R. Ragunath Boopathi
10	922120103010	SASIKUMAR P	III Year	S. Sasikumar	S. Sasikumar
11	922120103011	SHAHIN BANU N	III Year	N. Shahin Banu	N. Shahin Banu
12	922120103012	SOUNDHARA RAJAN G	III Year	G. Soundhara Rajan	G. Soundhara Rajan
13	922120103013	SRI KARAN K	III Year	K. Sri Karan	K. Sri Karan
14	922120103014	SUBIKSHA A	III Year	A. Subiksha	A. Subiksha
15	922120103015	SUDHARSAN M	III Year	M. Sudharsan	M. Sudharsan
16	922120103016	VISHWA A	III Year	A. Vishwa	A. Vishwa
17	922120103301	ATHAV RAM BALAJI P	III Year	P. Athav Ram Balaji	P. Athav Ram Balaji
18	922120103302	JOHN PHILIPS F	III Year	F. John Philips	F. John Philips
19	922120103303	MOHAMED NASIM ASLAM M.A	III Year	M.A. Mohamed Nasim Aslam	M.A. Mohamed Nasim Aslam
20	922120103305	NAVEEN KUMAR S	III Year	S. Naveen Kumar	S. Naveen Kumar
21	922120103306	NOYAL JERALD RAJ A	III Year	A. Noyal Jerald Raj	A. Noyal Jerald Raj
22	922120103307	SHAKE ABDULLA E	III Year	E. Shake Abdulla	E. Shake Abdulla
23		T. KIRUTHIK ROSHINI	III Year	T. Kiruthik Roshini	T. Kiruthik Roshini
24	922119103001	S. ABUL BAJAR	IV Year	S. Abul Bajar	S. Abul Bajar
25	922119103002	S. ARAVINTH	IV Year	S. Aravinth	S. Aravinth
26	922119103003	A. CHANDRA PRABHU	IV Year	A. Chandra Prabhu	A. Chandra Prabhu
27	922119103004	M. HEMARAJ	IV Year	M. Hemaraj	M. Hemaraj
28	922119103007	C. MAHAVISHNUVARMAN	IV Year	C. Mahavishnuvarman	C. Mahavishnuvarman
29	922119103008	P. POORACHANDRAN	IV Year	P. Poorachandran	P. Poorachandran
30	922119103010	S. SANJEEVI	IV Year	S. Sanjeevi	S. Sanjeevi
31	922119103011	J. SANTHOSH CALVIN	IV Year	J. Santhosh Calvin	J. Santhosh Calvin
32	922119103012	S. R. SATHEESH KUMAR	IV Year	S. R. Satheesh Kumar	S. R. Satheesh Kumar
33	922119103013	S. SHEIK DAWOOD	IV Year	S. Sheik Dawood	S. Sheik Dawood
34	922119103014	R. SIVA	IV Year	R. Siva	R. Siva
35	922119103015	P. SURESH KUMAR	IV Year	P. Suresh Kumar	P. Suresh Kumar
36	922119103016	C.R. VIJEY	IV Year	C. R. Vijey	C. R. Vijey
37	922119103017	A.P.K YOGESH ARASAN	IV Year	A. P. K. Yogesh Arasan	A. P. K. Yogesh Arasan
38		B.SAKTHI PRAGADEESWARI	IV Year	B. Sakthi Pragadeeswari	B. Sakthi Pragadeeswari

**Attendance Sheet for Value Added Course on
NON-SEWERED SANITATION IN ACHIEVING SBM 2.0
Civil Engineering Students**

Date: 11-08-2022 (DAY 2)

Sl. No.	Register No.	Name of the Students	Year of Study	Signature	
				FN	AN
1	922120103001	ALAGENDIRAN A	III Year	A. Alagendiran	A. Alagendiran
2	922120103002	ANU PRABHA M	III Year	Anu Prabha M	Anu Prabha M
3	922120103003	ARUL YOWAN P	III Year	Arul Yowan P	Arul Yowan P
4	922120103004	EZHILARASHAN B	III Year	Ezhilarashan B	Ezhilarashan B
5	922120103005	HARIPRASATH S	III Year	Hariprasath S	Hariprasath S
6	922120103006	MANOJ N	III Year	Manoj N	Manoj N
7	922120103007	MUKESH CHELLAM M	III Year	Mukesh Chellam M	Mukesh Chellam M
8	922120103008	MUTHAMIZH SELVAN M	III Year	M. Muthamizh Selvan M	M. Muthamizh Selvan M
9	922120103009	RAGUNATH BOOPATHI S	III Year	R. Ragunath Boopathi S	R. Ragunath Boopathi S
10	922120103010	SASIKUMAR P	III Year	S. Sasikumar P	S. Sasikumar P
11	922120103011	SHAHIN BANU N	III Year	N. Shahin Banu N	N. Shahin Banu N
12	922120103012	SOUNDHARA RAJAN G	III Year	G. Soundhara Rajan G	G. Soundhara Rajan G
13	922120103013	SRI KARAN K	III Year	K. Sri Karan K	K. Sri Karan K
14	922120103014	SUBIKSHA A	III Year	A. Subiksha A	A. Subiksha A
15	922120103015	SUDHARSAN M	III Year	M. Sudharasan M	M. Sudharasan M
16	922120103016	VISHWA A	III Year	A. Vishwa A	A. Vishwa A
17	922120103301	ATHAV RAM BALAJI P	III Year	P. Athav Ram Balaji P	P. Athav Ram Balaji P
18	922120103302	JOHN PHILIPS F	III Year	F. John Philips F	F. John Philips F
19	922120103303	MOHAMED NASIM ASLAM M.A	III Year	M.A. Mohamed Nasim Aslam M.A	M.A. Mohamed Nasim Aslam M.A
20	922120103305	NAVEEN KUMAR S	III Year	S. Naveen Kumar S	S. Naveen Kumar S
21	922120103306	NOYAL JERALD RAJ A	III Year	A. Noyal Jerald Raj A	A. Noyal Jerald Raj A
22	922120103307	SHAKE ABDULLA E	III Year	E. Shake Abdulla E	E. Shake Abdulla E
23		T. KIRUTHIK ROSHINI	III Year	R. Kiruthik Roshini	R. Kiruthik Roshini
24	922119103001	S. ABUL BAJAR	IV Year	S. Abul Bajar	S. Abul Bajar
25	922119103002	S. ARAVINTH	IV Year	S. Aravinth	S. Aravinth
26	922119103003	A. CHANDRA PRABHU	IV Year	A. Chandra Prabhu	A. Chandra Prabhu
27	922119103004	M. HEMARAJ	IV Year	M. Hemaraj	M. Hemaraj
28	922119103007	C. MAHAVISHNUVARMAN	IV Year	C. Mahavishnuvarman	C. Mahavishnuvarman
29	922119103008	P. POORACHANDRAN	IV Year	P. Poorachandran	P. Poorachandran
30	922119103010	S. SANJEEVI	IV Year	S. Sanjeevi	S. Sanjeevi
31	922119103011	J. SANTHOSH CALVIN	IV Year	J. Santhosh Calvin	J. Santhosh Calvin
32	922119103012	S. R. SATHEESH KUMAR	IV Year	S. R. Satheesh Kumar	S. R. Satheesh Kumar
33	922119103013	S. SHEIK DAWOOD	IV Year	S. Sheik Dawood	S. Sheik Dawood
34	922119103014	R. SIVA	IV Year	R. Siva	R. Siva
35	922119103015	P. SURESH KUMAR	IV Year	P. Suresh Kumar	P. Suresh Kumar
36	922119103016	C.R. VIJEY	IV Year	C. R. Vijey	C. R. Vijey
37	922119103017	A.P.K YOGESH ARASAN	IV Year	A. P. K. Yogesh Arasan	A. P. K. Yogesh Arasan
38		B.SAKTHI PRAGADEESWARI	IV Year	B. Sakthi Pragadeeswari	B. Sakthi Pragadeeswari

**Attendance Sheet for Value Added Course on
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Civil Engineering Students**

Date: 12-08-2022 (DAY 3)

Sl. No.	Register No.	Name of the Students	Year of Study	Signature	
				FN	AN
1	922120103001	ALAGENDIRAN A	III Year	[Signature]	[Signature]
2	922120103002	ANU PRABHA M	III Year	[Signature]	[Signature]
3	922120103003	ARUL YOWAN P	III Year	[Signature]	[Signature]
4	922120103004	EZHILARASHAN B	III Year	[Signature]	[Signature]
5	922120103005	HARIPRASATH S	III Year	[Signature]	[Signature]
6	922120103006	MANOJ N	III Year	[Signature]	[Signature]
7	922120103007	MUKESH CHELLAM M	III Year	[Signature]	[Signature]
8	922120103008	MUTHAMIZH SELVAN M	III Year	[Signature]	[Signature]
9	922120103009	RAGUNATH BOOPATHI S	III Year	[Signature]	[Signature]
10	922120103010	SASIKUMAR P	III Year	[Signature]	[Signature]
11	922120103011	SHAHIN BANU N	III Year	[Signature]	[Signature]
12	922120103012	SOUNDHARA RAJAN G	III Year	[Signature]	[Signature]
13	922120103013	SRI KARAN K	III Year	[Signature]	[Signature]
14	922120103014	SUBIKSHA A	III Year	[Signature]	[Signature]
15	922120103015	SUDHARSAN M	III Year	[Signature]	[Signature]
16	922120103016	VISHWA A	III Year	[Signature]	[Signature]
17	922120103301	ATHAV RAM BALAJI P	III Year	[Signature]	[Signature]
18	922120103302	JOHN PHILIPS F	III Year	[Signature]	[Signature]
19	922120103303	MOHAMED NASIM ASLAM M.A	III Year	[Signature]	[Signature]
20	922120103305	NAVEEN KUMAR S	III Year	[Signature]	[Signature]
21	922120103306	NOYAL JERALD RAJ A	III Year	[Signature]	[Signature]
22	922120103307	SHAKE ABDULLA E	III Year	[Signature]	[Signature]
23		T. KIRUTHIK ROSHINI	III Year	[Signature]	[Signature]
24	922119103001	S. ABUL BAJAR	IV Year	[Signature]	[Signature]
25	922119103002	S. ARAVINTH	IV Year	[Signature]	[Signature]
26	922119103003	A. CHANDRA PRABHU	IV Year	[Signature]	[Signature]
27	922119103004	M. HEMARAJ	IV Year	[Signature]	[Signature]
28	922119103007	C. MAHAVISHNUVARMAN	IV Year	[Signature]	[Signature]
29	922119103008	P. POORACHANDRAN	IV Year	[Signature]	[Signature]
30	922119103010	S. SANJEEVI	IV Year	[Signature]	[Signature]
31	922119103011	J. SANTHOSH CALVIN	IV Year	[Signature]	[Signature]
32	922119103012	S. R. SATHEESH KUMAR	IV Year	[Signature]	[Signature]
33	922119103013	S. SHEIK DAWOOD	IV Year	[Signature]	[Signature]
34	922119103014	R. SIVA	IV Year	[Signature]	[Signature]
35	922119103015	P. SURESH KUMAR	IV Year	[Signature]	[Signature]
36	922119103016	C.R. VIJEY	IV Year	[Signature]	[Signature]
37	922119103017	A.P.K YOGESH ARASAN	IV Year	[Signature]	[Signature]
38		B.SAKTHI PRAGADEESWARI	IV Year	[Signature]	[Signature]

Gowtham Trophies

Surya Complex, Aarthi Theatre Road, Near Canara Bank ATM
 Opp. Dr. Salima Hospital, Dindigul - 624 001.

E-mail: gowthamgraphicsdgl@gmail.com

I.D Cards, Belt, Tie, Socks, Shields, Mementoes, Trophies, Medals

445

Date: 09/08/22

M/s S.S.M Institute of Engineering & Technology

Department of Civil Engineering

No	PARTICULARS	Qty.	Rate	Rs.	Ps.
1	shield sticker	2	160	320	-
			50	50	-
Total				370	-

Quotation for Approval
 For Orders, Not for Sale

paid

Goods once sold will not be taken back or exchanged

S. B. L.
 For Gowtham Trophies

737708280
 Cell: 96205 70100 **CASH BILL** Ph: 0461-2420570

MALATHY
 BROWSING CENTRE & STATIONARIES

49C, A.K. Sithar Complex, Near Ramana Hospital,
 Aarthi Theatre Road, Y.M.R. Patti, Dindigul - 1.
 E-mail: malathynetcafe@gmail.com

No. 153 Date: 8/8/22

M/s.....

Particulars	Detail	Rupees
Browsing ...		
Sketch pads	2	60
Prints ...		
Scanning ...		
Xerox ...		
Lamination ...		
Others ...		
TOTAL		60

For Malathy Browsing & Xerox



BILL & MELINDA
GATES foundation



Value Added Course on Non-Sewered Sanitation in achieving Swachh Bharat Mission 2.0

SSM Institute of Engineering and Technology, Dindigul
Department of Civil Engineering
10 - 12 August, 2022

- Banner display
- Lady-Accoma
- Presist Address