

(Approved by AICTE, New Delhi / Affiliated to Anna University / Accredited by NAAC/ Accredited by NBA (ECE, EEE, MECHANICAL)) Dindigul – Palani Highway, Dindigul – 624 002



NAAC CRITERION-7

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation Measures

CIRCULARS AND REPORTS OF ACTIVITIES FOR THE IMPLEMENTATION OF THE INITIATIVES DOCUMENT



Dr.D.SENTHIL KUMARAN, M.E., Ph.D., [NUS]
Principal
SSM Institute of Engineering and Technology
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Palani Road, Dindigul - 624 002.



(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC NBA Accredited-Mech, EEE and ECE programs)

Dindigul – Palani Highway, Dindigul 624 002

VALUE ADDED COURSE ON NON SEWERED SANITATION



Dr.D. SENTHIL KUMARAN, M.R., Ph.D., [HUling Principal SSM Institute of Engineering and Technology Kuttathupatti Village, Sindalagundu (Po), Palani Road, Dindigul - 624002.



Dindigul - Palani Highway, Dindigul - 624 002. Fax: 0451-2448855 Phone: 0451-2448800-99 (100 Lines) Website: www.ssmiet.ac.in

Email: ssmietdgl@gmail.com

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/CIVII.

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

and the first session was handled by Dr.D.Hemalatha.



DI.D. SENTHIL KUHARAN, M.B., Ph., Principal SSM Institute of Engineering and Technology Kuttathupaiti Village, Sindelagundu (Fo), Palant Road, Dindigul - 624 002.

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.



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Dr.D.SENTHIL KUMARAN, M.E., Ph.D., Rusa Principal SSM Institute of Engineering and Technology Nuttathupatti Village, Sindalagundu (Po), Palani Road, Dindigut - 624 002. By this programme, the students came to know about the importance of baccal Slugde disposal / treatment systems and also on Swachh Bharath Mission.

Chief Guest Address at seminar Hall



Chief Guest Speech





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Day 1 - Session at video conference Hall









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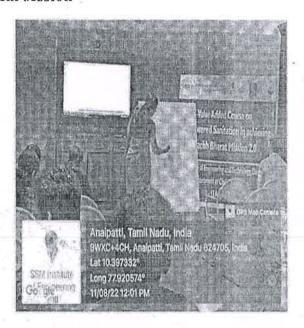
Activities on 10/08/2022





Technical session







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Case studies Discussion on 11/08/2022







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Dr.D. SENTHIL KUMARAN, B.E., 10 - Principal

SSM Institute of Engineering and Technology

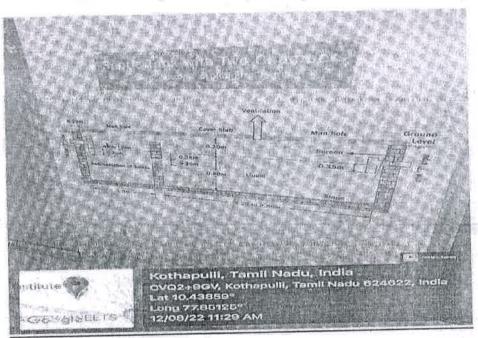
Kuttathupatti Village, Sindalagundu (Po),

Palani Road, Dindigul - 624 002.

Industrial Visit, WASH Institute, Rediyarchatram



Plan of Septic tank with two chambers





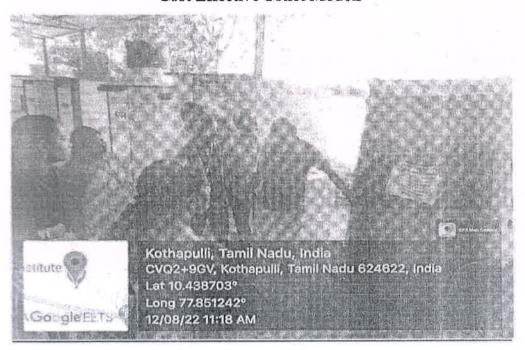
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Cost Effective Toilet Models





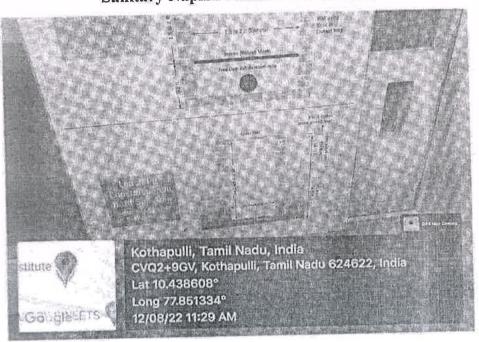


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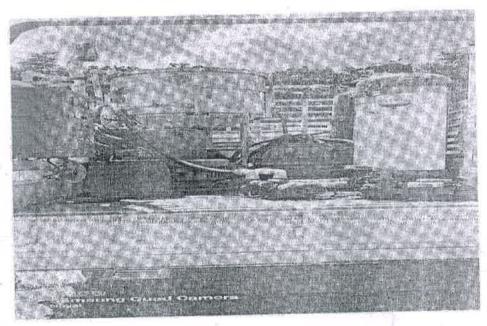
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Sanitary Napkin Incineration Model



Mobile sludge treatment unit



EVENT CO-ORDINATORS

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WSS + DINDIG

HOD/CIVIL

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MERCIN RAMI, AP/CIM PRAVEEN JESURAJ ABAGE-11 of 18

Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (RUS)
Principal

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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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Email: ssmietdgl@gmail.com Website: www.ssmiet.ac.in

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 Reddiyarchattram on 12/08/2022) Total no. of students: 33 + 2 faculty	Bus - 1 No.	

110D/CIVII 2 18122

(Dr. G. Selvabharathi)

PRINCIPAL



Page 13 of 18

Dr.D. SERTHIL KUMANA MARKET Principal

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Palani Road, Dindigul - 624 002.





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,

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AGENDA

Time 4	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	
- 10 - 10	Ancelle Lander	DAY II (11,08.2022)		
09:30-10:30 AM	Technical Session I	Decentralized Wastewater Treatment systems	Dr. Hemalatha	
10:30-11:30 PM			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	
Trade Secretaria Secretaria	to the second of the second	DAY III (12.08.2022)		
09:00-04:00 PM	Exposure Visit	MTU Visit at WASH Academy	Dr. Hemalatha	

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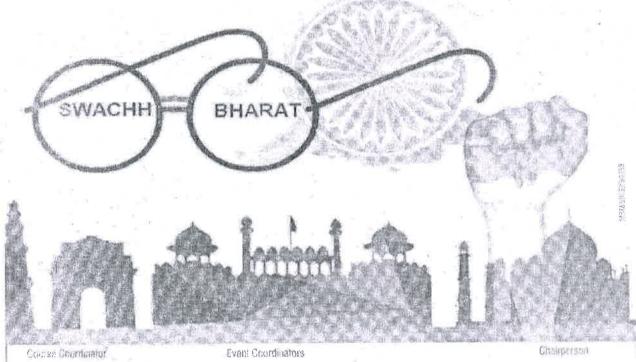
Organizes

Value added Course on

NON-SEWERED SANITATION IN ACHIEVING

SWACHH BHARAT MISSION 2.0

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



Mrs. C. Merlin Hani : Mr. V. Praveen Jesuréj . Dr. G. Selvabharathi

HoD/Civil

Or O. Senflit Kumaran

Or, D. Hernalatha

* DINDIGUL 61

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ST.D. SENTHIL KUMARAR Principal

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Attendance Sheet for Value Added Course on NON-SEWERED SANITATION IN ACHIEVING SBM 2.0

Civil Engineering Students

Date: 10-08-2022 (DAY 1)

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Page 16 of 18

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Attendance Sheet for Value Added Course on NON-SEWERED SANITATION IN ACHIEVING SBM 2.0

Civil Engineering Students

Date: 11-08-2022 (DAY 2)

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Page 17 of 18

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Attendance Sheet for Value Added Course on NON-SEWERED SANITATION IN ACHIEVING SBM 2.0

Civil Engineering Students

Date: 12-08-2022 (DAY 3)

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Dr.D. SERTHIL KUMARAN, M.S., Fa.D., (NUS)
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