



SARVAJANIK UNIVERSITY
SARVAJANIK COLLEGE OF ENGINEERING
& TECHNOLOGY

DR. R. K. DESAI MARG, ATHWALINES, SURAT – 395001

Towards progressive civilization.....

Faculty of Civil Engineering



Report on

ONE DAY WORKSHOP

A Sustainable Approach in the Field of Civil Engineering: Issues and Challenges 27th July 2021

Sarvajani University
Sarvajani College of Engineering & Technology
Faculty of Civil Engineering

Resource Persons:

- Dr. S.M. Yadav**
Professor of Water Resource Engineering,
SVNIT, Surat.
Topic - Sustainable Flood Risk Management
- Er. Bhavesh Rami**
General Manager EMS,
Decan Fine Chemicals India Pvt. Ltd.,
Ankleshwar.
Topic - Cleaner Production: An Important Tool for Sustainable Growth of Industries
- Ar. Snehal Shah**
Chairman - IGBC, Surat Chapter
Founder, ESSTEAM Design LLP, Surat.
Topic - The Responsible Expression- Emphasis on Performance in Green Building

One Day Workshop
on
A Sustainable Approach in the
Field of Civil Engineering:
Issues and Challenges

Date: 27/07/2021 Day: Tuesday

Supported by:

ABOUT THE INSTITUTE

Sarvajani Education Society has established Sarvajani University on 1st June, 2021 under the Gujarat Private University Act. Under the umbrella of Sarvajani University, there are 8 constituent colleges. Sarvajani College of Engineering & Technology (SCET), Surat is a self-financed institute offering UG & PG programs in engineering as well as architecture. The institute is recognized by the All India Council of Technical Education (AICTE) and affiliated to Gujarat Technological University (GTU). This institute has been set up under the aegis of Sarvajani Education Society. The institute strives to impart highest level of education through course curriculum and various professional short-term training programs in advanced areas. Faculty of Civil Engineering is active within engineering community that organizes expert lectures, group discussions, competitions, sports and other activities for the all-round development of the Engineering students.

Get yourself registered using below link:
<https://forms.gle/1SVkFmU7LSRzLDa9>
 (Registration is free but mandatory)
 E-Certificate will be provided for the participation.
 Workshop will commence from 9:30 AM onwards.

Last Date for registration
26/07/2021

For more information contact:
Prof. Mitali Shah: +91 8141552883

Organizing Committee:

Dr. Jigar Sevalia
Professor & Head

Coordinators:

Prof. Mitali Shah
Assistant Professor

Prof. Zarana Gandhi
Adhoc Assistant Professor

Prof. Payal Zaveri
Assistant Professor

Prof. Chaitali Patel
Adhoc Assistant Professor

Organized by:

Faculty of Civil Engineering
Sarvajani College of Engineering
& Technology, Surat
 Towards Progressive Civilization.....

Dr. R.K.Desai Marg, Opp. Mission Hospital,
 Athwalines, Surat-395001
 Website: scet.ac.in Ph: 0261 224 0146

The details about the One Day Workshop are as follows:

| | | |
|---------------|---|--|
| Speaker | : | Dr. S M. Yadav Professor of Civil Engineering, SVNIT, Surat. |
| Topic | : | Sustainable Flood Risk Management |
| Date and Time | : | 27 July,2021 (10 AM to 11:15 AM) |
| Venue | : | Online Mode (Google Meet) |
| Key Learning | : | <ul style="list-style-type: none"> ✚ Worldwide case study on various flood disasters ✚ Flood Risk Control Measures using Soft computing Techniques ✚ Functional Elements of Flood Management Cycle ✚ Flood Risk Assessment and reduction strategies and Policies ✚ Case study of flood disaster management in Gonda and Barabanki villages of UP. |

| | | |
|---------------|---|--|
| Speaker | : | Mr. Bhavesh Rami General Manager EHS, Deccan Fine Chemicals India Pvt. Ltd., Ankleshwar. |
| Topic | : | Cleaner Production: An Important Tool for Sustainable Growth of Industries |
| Date and Time | : | 27 July,2021 (11:15 AM to 12:30 PM) |
| Venue | : | Online Mode (Google Meet) |
| Key Learning | : | <ul style="list-style-type: none"> ✚ EMS installed at Deccan Fine Chemicals, Ltd. ✚ Waste Management options using Sustainable approach ✚ Features of Cleaner Production tool to achieve sustainability |

| | | |
|---------------|---|---|
| Speaker | : | Ar. Snehal Shah Chairman - IGBC, Surat Chapter & Founder, ESSTEAM Design LLP, Surat. |
| Topic | : | The Responsible Expression- Emphasis on Performance in Green Building |
| Date and Time | : | 27 July,2021 (12:30 TO 01:45 PM) |
| Venue | : | Online Mode (Google Meet) |
| Key Learning | : | <ul style="list-style-type: none"> ✚ Distinguished between traditional and modern architecture to achieve Green Building aspect ✚ Urban heat island effect and depletion of wetlands due to temperature rising discussed with case study ✚ Sustainable approach in construction practices as per functional requirement of buildings |

Total 150 participants include students, researchers, professionals, industry representatives and faculty members have registered this workshop from various institutes and professional body.

Finally, there was a question answer session after each talk where queries from participants were attended by experts. The session ended with a Vote of Thanks by Prof. Himanshu Padhya.

We are grateful to Dr. Jigar Sevalia, HOD, FCE for his guidelines and co-operation in arranging workshop.

We also extend our gratitude towards Dr. Hiren Patel, Principal, SCET for encouraging faculty members to organize such an event.

Glimpses of Workshop:

Item shared with you: Welcome x Meet - ONE DAY WORKSHO x (2) Live Producer | Facebook x +

meet.google.com/jmn-vekp-atf

Apps GTU-Markentry Ho... Reading list


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Mr.S.M.Yadav SVNIT is presenting

Why flood control is necessary ?

Floods in Henan Province China 19th July 2021

Torrential rain has caused deadly floods in Henan province



Learning: No water levels in the Zhengzhou area
Zhengzhou: Rainfall flooded the city's subway system and collapsed roads

- A year's worth of rain – 640mm (25.2in) – fell in three days. The government officials said it was a **one-in-1,000-year event**.
- More than **552mm (21.7 in)** of rain had fallen between **7pm on Monday (19.7.2021) and 7pm on Tuesday (20.7.2021)**, including **202mm** between 4pm and 5pm on Tuesday.

Participants: Mr.S.M.Yadav, ankita parmar, 35_Jaimin Pagh..., Aditi Prajapati, ratna jadhani, Brizal Chaudhari, Hrashraj Patel, Manav Tank, himanshu padh..., Nikunj Tank, 49 others, You

Item shared with you: Welcome x Meet - ONE DAY WORKSHO x +

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Bhavesh Rami is presenting

Site Infrastructure

Laboratory


Instruments

HPLC: 15; UPLC: 02 GC: 08; UFGC: 02 FTIR Spectrophotometer: 01; UV Spectrophotometer: 02

Atomic Absorption Spectrophotometer: 01

Equipment

UV Spectrometer, Melting meter, pH meter, Pylari meter, Karl fisher Auto Titrator, Densitymeter, Humidity chamber



Participants: Bhavesh Rami, payal zaveri, Nikunj Tank, Manisha Vashi, Hemali Jardosh, Shivang Jariwala, ankita parmar, Brizal Chaudhari, Manav Tank, himanshu padh..., 42 others, You

Item shared with you: Welcome x Meet - ONE DAY WORKSHO x +

meet.google.com/jmn-vekp-atf

Apps GTU-Markentry Ho... Reading list

REC Snehal Shah is presenting

The Green Manifesto

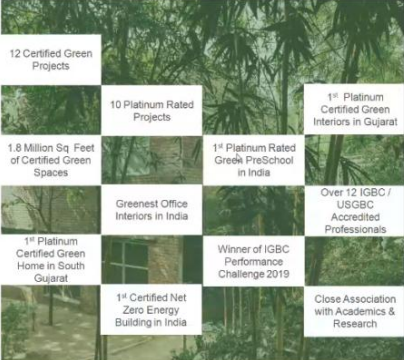
At EstTeam, we are committed to doing only Sustainable Development right from a small residence interior, to a giant Corporate House or even a large Industrial Park.

We believe in 'Practice what you Preach', and our office is the first platinum rated Green Interiors in Gujarat, and our founding partner's residence, the first Platinum rated Green Home in our region. The Founding Partner of EstTeam, Ar Snehal Shah, founded the Indian Green Building Council – Surat Chapter in 2015, and has been spreading the Green Message and Green Buildings through this platform in the capacity of Chairman of the Chapter.

As an office, our concern for green is very evident since its mandatory for Architects joining the firm to become a Accredited Professional for IGBC, USGBC or GRIHA.

We have a Research Cell SUS10, which looks into evolution the various green concepts and GREEN JOBS

Chaitali Patel has left the meeting



12 Certified Green Projects

10 Platinum Rated Projects

1st Platinum Certified Green Interiors in Gujarat

1st Platinum Rated Greek PreSchool in India

Over 12 IGBC / USGBC Accredited Professionals

Close Association with Academics & Research

1st Platinum Certified Green Home in South Gujarat

Winner of IGBC Performance Challenge 2019

1st Certified Net Zero Energy Building in India

Participants: Snehal Shah, himanshu padhya, payal zaveri, Manisha Vashi, Hemali Jardosh, Shivang Jariwala, ankita parmar, 29 others, You

