

**G H Patel College of Engineering & Technology, V. V. Nagar**

**Department of Civil Engineering**

**Report on**

**“Water Conservation Awareness Program” (As a part of World Water Day – 2021)**

Department of Civil Engineering, GCET had organized “Water Conservation Awareness Program” (As a part of World Water Day – 2021) on Saturday, 13<sup>th</sup> March 2021. Two expert talks and quiz and group discussion activities were organized during the program. The program was organized for 1<sup>st</sup> year students of all branches and 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> year civil engineering students. Total of 60 students took active participation in the program.

**AIM:**

The main objective of the program was to spread the awareness and importance of water in our lives and water conservation practices.

**About the experts:**

- 1) **Dr. Eldho T. I.** is a professor and working as a head of the civil engineering department at IIT Bombay, Mumbai. He is having 25+ years of teaching and research experience. His research area includes Groundwater flow and Pollution investigations, Computational Fluid Dynamics, Coastal Hydrodynamics, Watershed management, Climate change impact assessment on water resources and coastal region etc. He is having numerous publications in various reputed well known national and international journals, Conferences, Book chapters etc.
- 2) **Dr. S. D. Dhiman** is a professor in civil engineering department at BVM Engineering College at Vallabh Vidyanagar, Anand. He is having 34+ years of teaching experience. His research area includes Groundwater hydrology, Water resources engineering, Hydroinformatics etc. He is having various publications in national and international journals, conferences etc.

**About the Program:**

The program commenced with delightful prayer followed by greetings and introduction of the program to everyone at 10 am in GCET Auditorium. Participants were gathered in Auditorium while experts joined online from their respective places. Next Dr. Khadeeja Priyan, Professor & Head of Civil Engineering Department has introduced and welcomed the invited experts for the program Dr. Eldho T. I. and Dr. S. D. Dhiman. Next Dr. Himanshu Soni, Principal, GCET has addressed the gathering and highlighted the importance of such program to all the participants. After the inauguration program the first session started by Dr. Eldho T. I. at 10:30 am.

Dr. Eldho T. I. delivered a talk on *Water Conservation for Sustainable Water Resources Management & Impacts of Climate Change* in context of World Water Day theme Valuing Water. He began his talk with the introduction of world water day and his history and also the theme of the year 'Valuing Water'. Then he started explaining about water resources supply. Also, he shared about consumption of water and highlighted mainly about water scarcity. After this introductory part he discussed about Sustainable Development Goals (SDGs) put forward by United Nations. He mainly highlighted about goal number 6 out of 17 goals which is related to water. He also shared his knowledge regarding necessity of sustainable water resources management through IWRM (Integrated Water Resources Management). He interestingly discussed about how to build a National Water Security System and Water Safety Plans (WHO) to all the participants. He has also highlighted about India's water resources. Afterwards, he then explained about climate change and its various impacts on water resources mainly. He also emphasized about various measures one can adapt to tackle these impacts. The session was very much interesting and brainstorming for all the participants.

After the first talk by Eldho sir, the next talk was carried out at 11:30 am by another expert of the program Dr. S. D. Dhiman. Dr. S. D. Dhiman delivered a talk on *Groundwater Protection in Coastal Areas*. He commenced his talk with the discussion about Water Crisis in India and global scenario. He then discussed about global water demand in various sector and out of which he made understand the participants about water scarcity. He shared his knowledge about various causes of water scarcity and about water management issues everyone is facing. Afterwards he discussed about ground water sources. He mainly discussed about various reasons by which the groundwater is getting contaminated and why it is important to protect it. He especially discussed about groundwater protection in coastal areas mainly from salinity. The lecture was very good.

The knowledge and awareness spread by experts were highly appreciated by all the participants of the program and the learnt so much.

After lunch break the first activity of quiz competition on water was commenced at 2 pm in GCET Seminar Hall. Participants from 1<sup>st</sup> year various branches and from civil engineering took part in the competition. The competition was carried out in various rounds and finally 3 winners were declared, and they've given prizes. After quiz competition, finally group discussion competition was carried out and completed through various rounds. Participants were given topic based on water and out of which at last 3 winners were selected and given prizes. All the participants enjoyed a lot during entire day and learnt a lot as well.

**Poster of the program:**

**GCET**  
निर्मिति विश्वसुखाय

Indian Green Building Council

**CVM**  
UNIVERSITY

**"Water Conservation Awareness Program – 2021"**  
(As a part of World Water Day - 2021)

  
**Dr. T. I. Eldho**  
Professor & Head, Department of Civil Engineering, IIT Bombay

  
**Dr. S. D. Dhiman**  
Professor, Department of Civil Engineering, BVM Engineering College

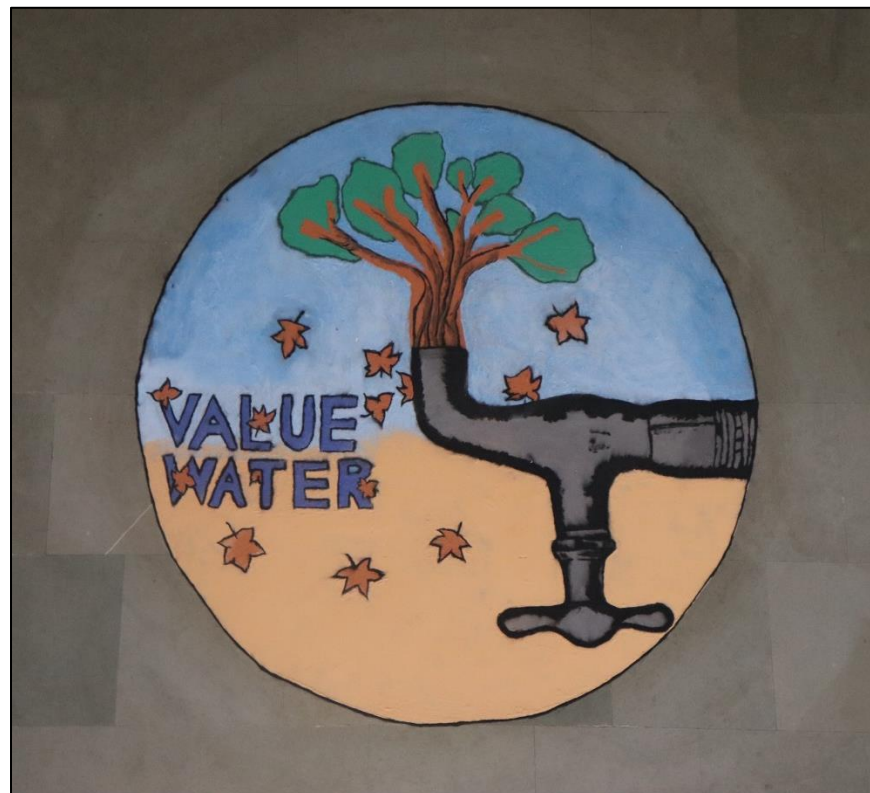
**Student Coordinators**  
Parin Dalal (8320111946)  
Tanishq Bhatnagar (9904405182)

**Date:** 13-03-2021, **Saturday Time:** 10:00 am onwards  
**Venue:** Smt. Kamlaben Shankarbai Patel GCET Auditorium  
**Lecture mode:** Online (MS Teams)

**Registration Link:-** <https://rb.gy/t5amk1>

**Department of Civil Engineering**  
**G H Patel College of Engineering & Technology**  
(A Constituent College of CVM University)

**Rangoli of the program:**



## Brochure of the program:

### Registration Link

<https://rb.gv/tSamk1>

Above link is for registration for attending the program and for taking participation in Quiz competition and Poster Competition

(Last Date of Registration: March 12<sup>th</sup>, 2021)

### Corresponding Address

**Dr. Khadeeja Priyan**

Convenor

Professor & Head, Civil Engineering Department

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**Prof. Ratansharan Panchal**

Faculty Coordinator

Assistant Professor, Civil Engineering Department

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**Prof. Anand Darji**

Faculty Coordinator

Assistant Professor, Civil Engineering Department

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### Venue

Smt. Kamlaben Shankarbhaj Patel GCET Auditorium & Seminar Hall,

G H Patel College of Engineering & Technology

Bakrol Road, Vallabh Vidyanagar – 388 120

Phone: (02692) 231651, Fax: (02692) 236896

principal@gcet.ac.in

### Program Details

#### Inauguration

10:00 am – 10:30 am

#### Expert Talk – 1

by

**Dr. T. I. Eldho**

Professor & Head, Dept. of Civil Engg.,  
IIT Bombay

10:30 pm – 11:30 am

#### Expert Talk – 2

by

**Dr. S. D. Dhiman**

Professor, Dept. of Civil Engg.,  
BVM Engineering College

11:45 pm – 12:45 pm

#### Concluding and Vote of Thanks

12:45 pm – 01:00 pm

#### Lunch Break

01:00 pm – 02:00 pm

#### Quiz Competition

02:00 pm – 03:00 pm

#### Debate Competition

03:15 pm – 04:15 pm

#### Prize distribution and Valedictory

04:15 pm – 04:30 pm

### “Water Conservation Awareness Program-2021”

(As a part of World Water Day - 2021)

**Themed**  
**Valuing Water**

13<sup>th</sup> March 2021, Saturday

Organized by



Dr. C. C. Patel & Mrs. Sushilaben Patel

DEPARTMENT OF CIVIL ENGINEERING  
G H Patel College of Engineering & Technology

Vallabh Vidyanagar – 388 120, Gujarat, India

(A Constitution college of CVM Univeristy)

www.gcet.ac.in

In association  
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### The Management & The Institute:

The institute, G H Patel College of Engineering & Technology (GCET) is managed by highly reputed and the largest educational trust Charutar Vidya Mandal (CVM), established in 1945 for the upliftment of rural education. Over the span of 60 years, CVM has been making spectacular progress by venturing into various emerging disciplines. Today, CVM is nurturing 49 educational institutions of diverse types contributing to the panoramic growth of Vallabh Vidyanagar and New Vallabh Vidyanagar. Honourable Vice President of India, Shri. M. Venkaiah Naidu declared the establishment of “The CVM University” during CVM Platinum Jubilee Celebration on December 14, 2019.

From the very inception (in the year 1996) GCET has striven to develop itself into an ‘Institution of Excellence’ in education and research in consonance with the spirit of modern Gujarat. In meeting this challenge for excellence, GCET has shaped its institution to the contemporary as well as future demands of need-oriented education. Today, GCET has a total strength of more than 2500 students studying for Chemical, Mechanical, Information Technology, Electronics & Communication, Computer, Electrical, Mechatronics and Civil Engineering under the tutelage of 125 dedicated and competent faculty members. Also, GCET have seven post graduate programmes. GCET is ranked 58<sup>th</sup> amongst top engineering colleges across the country by “Data Quest – school survey 2020” and honored by ABP News National Education Awards in 2015 & 2016 with “Outstanding Engineering Institute West”.

### About the Department:

Civil Engineering is the youngest department in the college established in the academic year of 2014 – 15 with an intake of 60, affiliated to GTU, Ahmedabad. The department has 08 qualified faculty members and

has developed all the necessary laboratories and infrastructure facilities. three batches are passed out in academic year of 2017-18, 2018 – 19 & 2019-20. For enhancing the knowledge of the budding engineers, we organizes expert lectures, industrial visits, Workshops and many more. Many students from passed out batches got placement and others are pursuing their masters from reputed universities like IIT Delhi, IIT Madras, MNIT, NICMAR, CEPT etc. Also, two of the students received L&T Build India Scholarship one in 2019 and another in 2020.

### About the Program:

Water means different things to different people. In households, schools and workplaces, water can mean health, hygiene, dignity and productivity. In cultural, religious and spiritual places, water can mean a connection with creation, community and oneself. In natural spaces, water can mean peace, harmony and preservation. World Water Day is celebrated on 22<sup>nd</sup> of March every year. The World Water Day celebrates water and raises awareness of the global water crisis. The theme of World Water Day 2021 is valuing water.

The value of water is about much more than its price – water has enormous and complex value for our households, food, culture, health, education, economics and the integrity of our natural environment. Sustainable Development Goal (SDG) 6 is to ensure water and sanitation for all. Without a comprehensive understanding of water’s true, multidimensional value, we will be unable to safeguard this critical resource for the benefit of everyone.

As a part of the World Water Day – 2021, the Department of Civil Engineering has organized *Water Conservation Awareness Program – 2021*. Under this program few expert talks and Quiz & Debate competition are planned with an objective of spreading awareness and importance of water.

### PATRONS

Er. Bhikhubhai B. Patel, Chairman, CVM

Shri. Manishbhai S. Patel, VP, CVM

Dr. S. G. Patel, Hon. Secretary, CVM

Shri. B. P. Patel, Hon. Jt. Secretary, CVM

Shri. Mehul D. Patel, Hon. Jt. Secretary, CVM

Shri. R. C. Talati, Hon. Jt. Secretary, CVM

Shri. V. H. Patel, Hon. Jt. Secretary, CVM

### ORGANIZING TEAM

Dr. Himanshu Soni, Principal, GCET

Dr. Khadeeja Priyan, Convenor

Prof. Ratansharan Panchal, Faculty Coordinator

Prof. Anand Darji, Faculty Coordinator

Parin Dalal, Student Coordinator

Tanishq Bhatnagar, Student Coordinator

Dr. Snehal Popli, Member

Prof. Poorav Shah, Member

Prof. Krunali Patel, Member

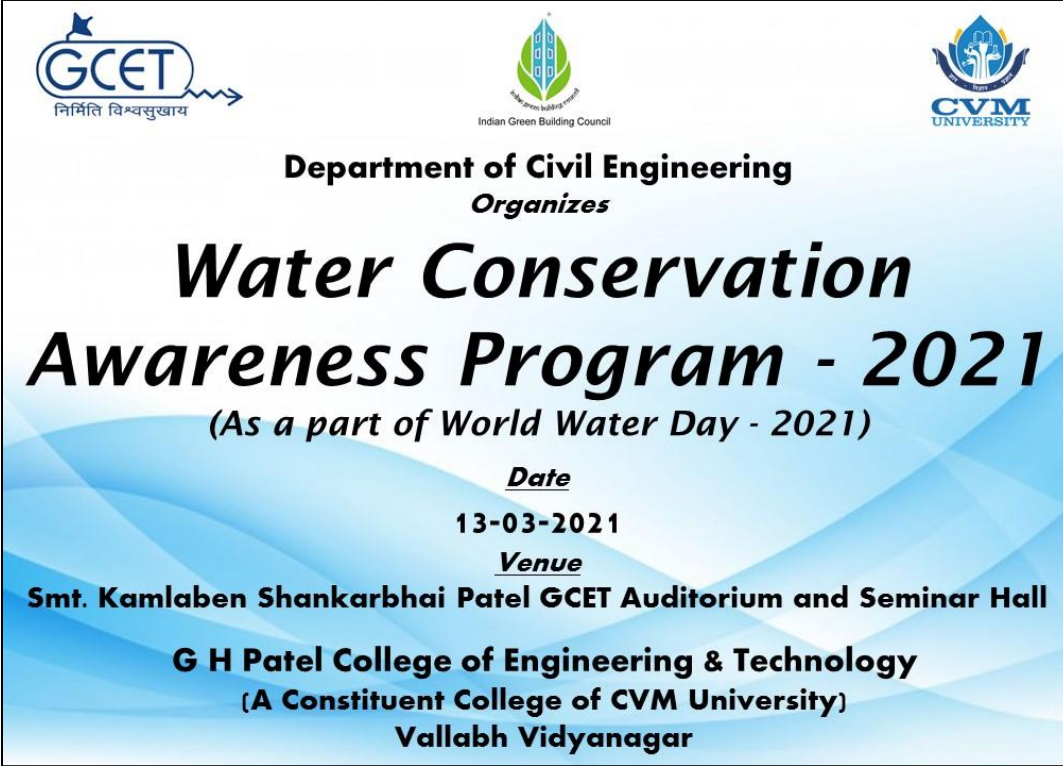
Prof. Nirajkumar Mandowara, Member

Prof. Jalpa Patel, Member





**Banner of the program:**



The banner features a light blue background with a wavy pattern. At the top, there are three logos: GCET (निर्मिति विश्वसुखाय), Indian Green Building Council, and CVM UNIVERSITY. Below the logos, the text reads: 'Department of Civil Engineering Organizes Water Conservation Awareness Program - 2021 (As a part of World Water Day - 2021)'. The date '13-03-2021' and venue 'Smt. Kamlaben Shankarbhai Patel GCET Auditorium and Seminar Hall' are listed. At the bottom, it identifies the host as 'G H Patel College of Engineering & Technology (A Constituent College of CVM University) Vallabh Vidyanagar'.

**Department of Civil Engineering  
Organizes**

# ***Water Conservation Awareness Program - 2021***

***(As a part of World Water Day - 2021)***

***Date***  
**13-03-2021**

***Venue***  
**Smt. Kamlaben Shankarbhai Patel GCET Auditorium and Seminar Hall**

**G H Patel College of Engineering & Technology  
(A Constituent College of CVM University)  
Vallabh Vidyanagar**