



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

Department of Civil Engineering

Report on

IGBC Week Celebration
Themed

#ActOnClimate

The Department of Civil Engineering, G H Patel College of Engineering and Technology, Vallabh Vidyanagar (A Constituent College of CVM University) has celebrated IGBC week from 21st September to 25th September, 2020 in collaboration with Indian Green Building Council (IGBC), managed by Confederation of Indian Industry (CII). IGBC has launched student's chapter in G H Patel College of Engineering on 15th of October, 2015. Since then, every year in the month of September IGBC Week is celebrated with various themes and activities under this student chapter.

This year the theme of the Week celebration was “#ActOnClimate”. Under the theme, we came with an idea of celebrating different activities like Expert talks, Photography contest, Quiz competition, Elocution competition etc. on virtual platform through Microsoft Teams.

IGBC Week Celebration was inaugurated by Mr. Bavesh Shah, Chairman of IGBC Vadodara chapter, Mr. Himanshu Shah - Executive Officer of IGBC, Dr. Shivraj Dhaka - Counsellor, CII – IGBC, Dr. Himanshu Soni - Principal GCET, Dr. Khadeeja Priyan -Professor and Head, Civil Engineering Department, GCET on 23rd September, 2020. The Chief Guest of the inaugural programme was Mr. Bavesh Shah, Chairman of IGBC Vadodara chapter. As many as 150 students & faculty members participated in this Celebration.

Dr. Himanshu Soni, Principal, GCET delivered the welcome address and addressed the audience about the need to act on climate and appreciating the department for organising such events during this pandemic for the welfare of students as well as for the society. All the invitees were introduced to the audience by Dr. Khadeeja Priyan, Professor and Head, Civil Engineering Department, GCET. Then Mr. Bhavesh Shah, Chairman of IGBC Vadodara chapter addressed the gathering and Mr. Himanshu Shah, Executive Officer of IGBC, introduced the audience about IGBC. The inaugural function ended with the Vote of Thanks by Prof. Krunali Patel (Faculty Coordinator).

Under this IGBC week Celebration, two expert talks were organized on this theme on 23rd September, 2020. The first speaker of the day Dr. Shivraj Dhaka, Counsellor, CII – IGBC introduced the audience to the concept of net zero energy building and the approaches to achieve net zero energy buildings. He explained about CFM based, bi-facial solar PV systems through which a net zero energy building can be constructed. He also shared some case studies to the audience.

Another speaker of the day, Dr. Yashkumar Shukla, Technical Director (Energy System), CARBSE, CEPT University, Ahmedabad introduced audience to some of the analysis techniques of net zero energy buildings. He also shared a survey which he did on a net zero energy building. Also, he mentioned techniques on which one can save energy in our buildings.

Under this celebration various activities like quiz competition, elocution competition and photography competition was organized on 25th September 2020. The event was managed by student coordinators Aditya Dalwadi & Sachi Shah from 3rd year Civil Engineering. The theme of photography competition was based on nature and the students have taken part actively in this competition. The quiz competition was based on technical & non-technical knowledge & general aptitude. The elocution competition was on current topic “Impact of covid-19 on society” and the students shared their views on this new-normal. A student from 3rd year Daniella Assa made a video on “ACT ON CLIMATE”, which is the theme of the event, for the awareness towards environment. Overall, the event was organized well and highly benefitted to all the participants. G H Patel College of Engineering & Technology expresses sincere gratitude to IGBC for facilitating green building concepts and applications to the students and faculty members of the college.

Glimpse of Inauguration & Expert Talk



Glimpses of Photography Contest



Brochure of IGBC Week Celebration

Registration Form

Full Name: _____

Branch & Semester: _____

Organization: _____

Contact Number: _____

Email: _____

Date: _____

Signature of the applicant

(Last Date of Registration: 21st September, 2020)

Corresponding Address

Dr. Khadeeja Priyan
Professor & Head, Civil Engineering Department
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Prof. Krunali Patel
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Platform

 Microsoft Teams

Institute Contact Details

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Tentative Program Details

Duration	Session
Wednesday 23rd September, 2020	
10:30 – 11:00 am	Inauguration
11:00 – 12:00 pm	Expert Talk by Dr. Shivraj Dhaka Counsellor, CII – IGBC Topic: Net Zero Energy Buildings
12:00 – 1:00 pm	Expert Talk by Dr. Yashkumar Shukla Technical Director (Energy System), CARBSE, CEPT University, Ahmedabad Topic: Net Zero Energy Buildings
Friday 25th September, 2020	
2:30 pm Onwards	Quiz competition Green Sketching One Minute Video Campaign Photography Contests Elocution competition





IGBC WEEK CELEBRATION

SEPTEMBER 21st – 25th, 2020

Themed

#ActOnClimate



WORLD GREEN BUILDING WEEK
7-25 SEPTEMBER 2020

ACTION

#ActOnClimate

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 Constituent College of CVM University)
www.gcet.ac.in

Preamble:

Why do we need to #ActOnClimate?

Buildings and construction are responsible for 39% of global energy-related carbon emissions.

Now is the time to tackle the climate crisis. Countries worldwide are declaring climate emergencies and industry awareness and accountability are at all-time highs. With leading businesses demonstrating how to achieve net zero carbon emissions, governments must step up, go above and beyond to create better buildings for everyone, everywhere.

About IGBC:

The Indian Green Building Council (IGBC), part of the Confederation of Indian Industry (CII) was formed in the year 2001. The vision of the council is, "To enable a sustainable built environment for all and facilitate India to be one of the global leaders in the sustainable built environment by 2025".

The council offers a wide array of services which include developing new green building rating programmes, certification services and green building training programmes. The council also organises Green Building Congress, its annual flagship event on green buildings.

IGBC Student Chapter:

The Indian Green Building Council (IGBC), managed by Confederation of Indian Industry (CII) has launched student's chapter in G H Patel College of Engineering on 15th of October, 2015. Since then, every year in the month of September IGBC Week is celebrated with various themes and activities such as symposium, expert talks, site visits, debates, quiz competitions, poster making etc. under this student chapter.

The Institute & The Department

Shri Gordhanbhai Hathibhai Patel, an eminent philanthropist of Gujarat, made a generous donation of Rupees Three Crores for the new college. In honour of this magnanimous gesture, the college has been named G H Patel College of Engineering and Technology, popularly known as GCET. GCET is managed by Charutar Vidya Mandal (CVM), a registered charitable trust established in 1945. Since its inception the trust has been striving for the upliftment of rural society through education.

In keeping with today's needs, computing facilities with more than 1000 desktop computers with latest configuration and an Internet connection through 52 Mbps shared radio link have been provided for use of students and staff of college. A centrally air-conditioned auditorium with a seating capacity of 550 and a lecture theater with capacity of 150 add to the ambiance of the college. This college was affiliated to Sardar Patel University from the year 1996 to 2008. later on from the year 2008, Institute is affiliated to Gujarat Technological University. New admission from year 2020 will be done under the Charutar Vidyamandal University (CVM University).

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 10 qualified faculty members and has developed all the necessary laboratories and infrastructure facilities. Civil Engineering department has organized various technical events like Expert Talks, Seminars, Industrial Visits, Technical Quiz competition, Group Discussion and Workshops for the students. Also, three batches are passed out with good placement record.

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. M. D. Patel, Hon. Jt. Secretary, CVM
Shri. R. C. Talati, Hon. Jt. Secretary, CVM
Shri. V. H. Patel, Hon. Jt. Secretary, CVM

ADVISORY TEAM

Dr. Himanshu Soni, Principal, GCET
Mr. Himanshukumar Shah, Executive Officer IGBC

ORGANIZING TEAM

Dr. Khadeeja Priyan, Convenor
Prof. Krunali Patel, Coordinator
Sachi Shah, Student Coordinator
Aditya Dalwadi, Student Coordinator

Dr. Snehal Popli
Prof. Poorav Shah
Prof. Nirajkumar Mandowara
Prof. Riddhi Vashi
Prof. Anand Darji
Prof. Ratansharan Panchal
Prof. Ajaysinh Vaghela
Prof. Jalpa Patel

Poster of IGBC Week Celebration



The poster features a light blue and white background with geometric shapes. At the top, there are three logos: GCET (Giri Chaitanya Engineering College and Technology) with the motto 'निर्मिति विश्वसुखाय', IGBC (Indian Green Building Congress), and CVM University. The main title 'IGBC WEEK CELEBRATION' is in green, followed by the dates 'SEPTEMBER 21st – 25th, 2020' and the theme 'Themed #ActOnClimate'. A black banner in the middle contains the 'ACT!ON' logo, the hashtag '#ActOnClimate', and the 'WORLD GREEN BUILDING WEEK 21-25 SEPTEMBER 2020' logo. Below this, several activity boxes are listed: 'Expert Talks on Net Zero Energy Buildings', 'Quiz Competition', 'Green Sketching', 'Elocution Competition', 'Photography Contests', and 'One Minute Video Campaign'. The Microsoft Teams logo and name are also present. At the bottom, it states 'Organized by Department of Civil Engineering, G H Patel College of Engineering & Technology (A Constituent College of CVM University)'.

GCET
निर्मिति विश्वसुखाय

IGBC

CVM UNIVERSITY

IGBC WEEK CELEBRATION
SEPTEMBER 21st – 25th, 2020
Themed
#ActOnClimate

ACT!ON #ActOnClimate

WORLD GREEN BUILDING WEEK 21-25 SEPTEMBER 2020

Expert Talks on Net Zero Energy Buildings

Quiz Competition **Green Sketching** **Elocution Competition**

Photography Contests **One Minute Video Campaign**

Microsoft Teams

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Department of Civil Engineering
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