



Report on
IGBC WEEK CELEBRATION 2022

Theme

#BuildingforEveryone

Dates: 26th -30th September, 2022

Organized by:
IGBC Student Chapter
Department of Civil Engineering

Convener

Dr. Khadeeja Priyan

Co-Convener

Dr. Snehal Popli

Student Coordinator:

IGBC CORE TEAM

Venue:

**Smt. Kamlaben Shankarbhai Patel GCET Seminar Hall,
G H Patel College of Engineering & Technology,
Bakrol Road, Vallabh Vidyanagar – 388 120**

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Introduction of IGBC Week Celebration 2022

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 & Technology on 15th of October 2015. IGBC week is celebrated every year in the 3rd week of September. In this context, the department has organised technical event, nontechnical event, expert talks and educational visit with the theme #BuildingforEveryone.

Technical Event: Civista

Event Description:

Date:-26/9/22

Day:-Monday

Time:-9:15a.m.-12:30a.m.

Venue:-Seminar Hall, GCET

Event Co-ordinator:-Hiren Dhankecha

To let students aware about holistic sustainable approach and to make them equip with the right knowledge, we have organized an event called "Civista".

Round 1:-Documentaries\Video presentation will be delivered to the participants in the Seminar-Hall to make them aware about the present scenario and need for sustainable approach.

Round 2:-In this round, questions will be provided to the participants based on the video presentation of round 1 where they have to only answer by using their comprehensive skills. This round will enable them to qualify for the 3rd Round.

Round 3:-To find solutions for such issues faced by the world in current scenario, this round will commence by debate competition. This marks the end of the event.

No. of students participated: 70

Winners of the event:

- Shashwat Jha
- Shaan Thakkar
- Vansh
- Miraj Fultariya
- Ruchi Tandel
- Aayushi Trivedi

Runners Up of the event:

- Krutarth Patel
- Devansh Srivastva
- Hirishikesh Misra
- Perna Goswami
- Preet Desai
- Rishabh Gajiwala

Photos of the event:



Non-Technical Event:

Event name: Inquisition

Date 27/9/22

Day: Tuesday

Venue: Seminar Hall

Event Co-ordinator:-Shail Patel

Round 1: It is going to be a screening round. it would be consisting 20 mcq and from which 28 students would be selected for next round

Round 2: In this round, you have to solve a case given to you it would be including a puzzle and confronting witnesses and finding murder weapon and whichever groups complete this particular task first will be declared winners

No. of students participated: 170

Winner of the event: Axit Patel

Runner Up of the event: Hardik Humble

Event name: Symphony

Date 27/9/22

Date :Tuesday

Venue: Seminar hall

Event coordinator: Shail Patel

Round 1: This is quiz round, in which there'll question based on Bollywood songs and movies like guessing songs from emojis or from small audio clips, etc.

Round 2: In this round, there will be Dum charades in which teams who score maximum points will be qualified for final round.

Round 3: Antakshari, In this particular round your group has to sing a song. Pass the ending letter to your opponent who then sings a song beginning with that letter. The game goes on and on until one of them fails to come up with a song before the timer runs out.

No. of students participated: 80

Winners of the event: Dev, Hrishikesh, Jay, Denish

Runners Up of the event: Tirth, Axit, Dharam,Dhruvin

Photos of the event:



Event name: Perspective Photography

Date 28/9/22

Date: Wednesday

Venue: Seminar hall

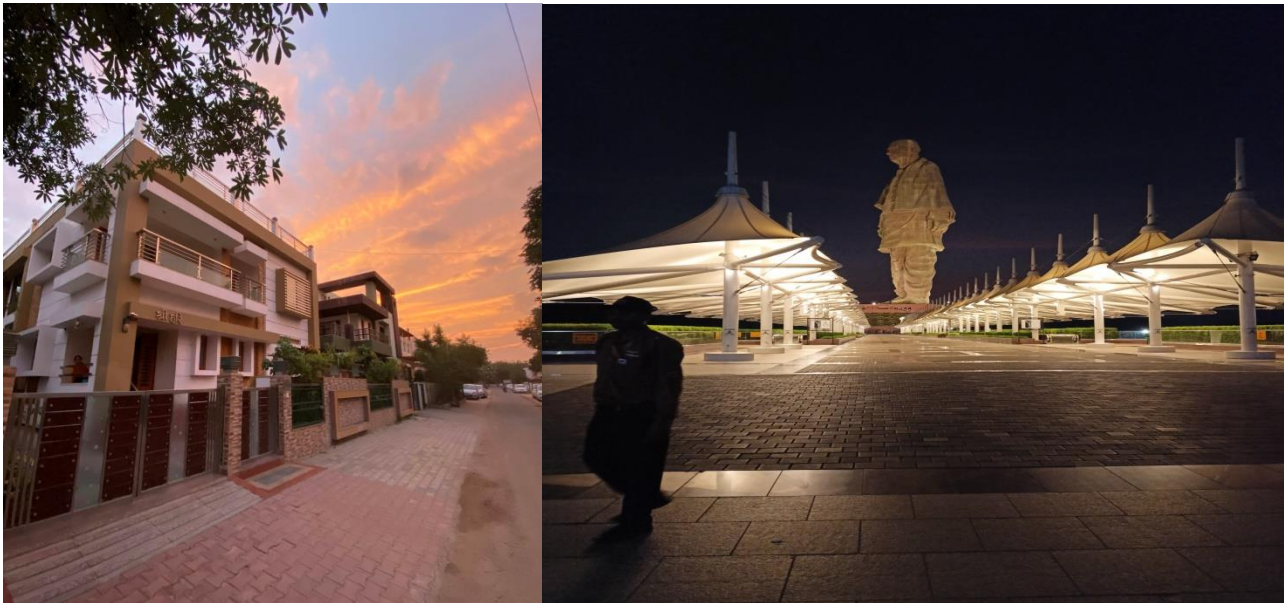
Event coordinator: Neel Mistry

No. of Participants: 42

Winners of the event: Dhrumin Patel

Runners Up of the event: Vivek Mehta

Photos of the Event:



Expert Talks:

There was a total of two expert lectures that were held in the IGBC week celebration themed “BuildingforEveryone”. These lectures were held on the 29th of September 2022, by honourable Mr. Himanshu Shah, Deputy Director, CII-IGBC, Ahmedabad and Ar. Sarika Vohara (Jain), Architect and Green Building Consultant, Vadodaara. They enlighten the students and the faculty members by various technologies and innovations within the civil engineering field that will promote longevity within buildings and green solutions for the upcoming problems.

Expert Lecture 1: “Introduction to Green Building.”

Mr. Himanshu started his session with introducing the green buildings and various concepts of green buildings. He explained the pillars of green buildings construction. He explained about various activities and vision of IGBC which will encourage young professional and upcoming engineers within the field.

Mr. Himanshu explained the relation of panchmahabhut to the green buildings. He talked focused on the definition and elaboration of what a green building is and how it is rated. He also paid attention on the concept of Sustainability as well as the future trends of Green Building. Contrary to people’s beliefs or even the illusion of the name a green building is not a building that is surrounded by plants or painted green, but instead it is defined as the building which is “green” in its design and provides sustainability. It promotes efficiency of systems and limits the negative impacts that the construction and operation of a building can cause to the environment.

Mr Himanshu showed various IGBC rated green buildings in India. He demonstrated various projects undertaken by them with various case studies. He explained the job opportunities available for various branches engineering. He also mentioned about various new systems are developed for the rating of the buildings such as IGBC Green Homes Rating system addresses sustainable site, Water conservation, Energy efficiency, Material conservation, Resident health and Innovation and design.

Green building rating brings together a host of sustainable practices and solutions to reduce the environmental impacts. Green building design provides an integrated approach considering life cycle impacts of the resources used.

An important development in the growth of green building movement in India is the launch of the following IGBC Green Building Rating Systems:

- Government Incentives to IGBC projects
- IGBC Green New Building
- IGBC Green Existing Building
- IGBC Green Homes
- IGBC Green Schools
- IGBC Green Township
- IGBC Green Mass Rapid Transit System
- IGBC Green Railway Station
- IGBC Net Zero Waste Rating System

He ended his session by explaining low carbon footprint buildings and how to achieve it practically.

Expert Lecture 2: Aspects and Methodologies of Green Buildings

Ms. Sarika started her session by explaining main aspects of green buildings such as Efficient use of energy, water and other resources, Use of renewable energy, such as solar energy, Pollution and waste reduction measures, and the enabling of re-use and recycling, Good indoor environmental air quality, Use of materials that are non-toxic, ethical and sustainable, Consideration of the environment in design, construction and operation, Consideration of the quality of life of occupants in design, construction and operation, A design that enables adaptation to a changing environment.

Ms. Sarika discussed about integrating renewable and low carbon technologies to supply building's energy needs, once their design has maximised inbuilt and natural efficiencies. She explained ways to Exploring ways to improve drinking and waste water efficiency and management, harvesting water for safe indoor use in innovative ways, and generally

minimising water use in buildings. She talked about using fewer, more durable materials and generating less waste, as well as accounting for a building's end of life stage by designing for demolition waste recovery and reuse. She explained in detail life cycle analysis of building.

Further, Ms. Sarika discussed about bringing fresh air inside, delivering good indoor air quality through ventilation, and avoiding materials and chemicals that create harmful or toxic emissions. She also mentioned about incorporating natural light and views to ensure building users' comfort and enjoyment of their surroundings, and reducing lighting energy needs in the process. She finally showed one video of repair and rehabilitation of one old structure.

Photos of the event:



Attendance and conclusion:

There was a total of more than 150 entries for all the event and the student turn around was also good. Students of all departments participated in the events and learnt about diverse technologies and innovations of the civil engineering field and learn ways to implement it into their own field.

The Rangoli design was highly appreciated by Mr. Himanshu Shah, Ms. Sarika Vohara, and entire GCET family.



Tree plantation was carried out on 29th September, 2022 by the experts and IGBC student's team.



Valedictory Visit:

Educational visit was arranged to Sadar Sarovar dam and Statue of Unity. Total 62 students participated in the visit along with one faculty member and one non-teaching staff.



Brochure of the Event:

Convener

Dr. Khadeeja Priyan
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Co-convenor

Dr. Snehal Popli
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Student Co-ordinators

- ❖ Rajdeepsinh Chudasama
- ❖ Nidhi Patel
- ❖ Hemang Barai
- ❖ Laykumar Patel
- ❖ Hiren Dhankecha
- ❖ Shail Patel
- ❖ Jeel Shah
- ❖ Om Rajyaguru
- ❖ Neel Mistry

Venue

Smt. Kamlaben Shankarbhai Patel GCET Seminar Hall, G H Patel College of Engineering & Technology Bakrol Road, Vallabh Vidyanagar – 388 120
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Program Details

Duration	Event	Venue
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26th September,2022

9:30am-12:30pm	Civista	Seminar Hall
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27th September,2022

03:30am-04:30pm	Symphony	Seminar Hall
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1:30pm-3:30pm	Inquisition	Seminar Hall
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28th September,2022

3:30pm-4:30pm	Perspective Photography	Civil Engineering Department
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29th September,2022

10:30pm-12:30pm	Expert Talk	Seminar Hall
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30th September,2022

8:30am Valedictory visit to Statue of Unity & Sardar Sarovar Dam



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

**DEPARTMENT OF CIVIL
ENGINEERING**

G H Patel College of Engineering & Technology
(A Constituent College Of CVM University)

In Association With:



IGBC

IGBC Week Celebration
Theme

"#BUILDINGFOREVERYONE"
IGBC-2022
SEPTEMBER-2022

Preamble:

We are determined to protect the planet from degradation, including sustainable consumption and production, sustainably managing its natural resources and taking urgent action on climate change, so that it can support the needs of the present and future generations.

In order to ensure that environmental considerations are part of any developing nation's development agenda and Sustainable Development Goals (SDGs), "Leave No One Behind" (LNOB) is a transformative promise. In addition, it seeks to strengthen universal peace within the World. We are determined to take the bold and transformative steps which are urgently needed to shift the world onto a sustainable and resilient path.

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 our institute on 15th of October 2015. So as a tradition IGBC week is celebrated every year in the week of September. In this context, the department is going to organize tech and non tech events, Expert talks and visits on the theme of : "#BuildingforEveryone", during the **IGBC Week Celebration**.

About the Organizers

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



G H Patel College of Engineering & Technology (GCET) is managed by one of the highly reputed and the largest educational trusts Charutar Vidya Mandal (CVM) since 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.

We have garnered 10th Rank amongst the Top 10 College of West zone. A latest survey to find the 100 private engineering institutes in India, ranked GCET as the 49th best private engineering institute in India. GCET is also ranked at 71st position overall today GCET has a total strength of 2000 UG and PG students studying in different branches of Engineering under the tutelage of 130 dedicated and competent faculty members.

Civil Engineering branch has been started in the college from the academic year 2014 with an intake of 60. A separate building is constructed for this programme and all the required laboratories have been developed. The Civil Engineering U.G. Department is accredited by NBA from 1st July 2022 to 30th June 2025.

Organizing Committee:

PATRONS:

Er. Bhikhubhai B. Patel,
Chairman, CVM, President CVMU
Shri. Manishbhai S. Patel, VP, CVM
Dr. S. G. Patel, Hon. 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

ADVISORY TEAM:

Dr. Himanshu Soni, Principal, GCET
Dr. Khadeeja Priyan, Prof. & Head, Civil Engineering
Mr. Himanshu kumar Shah, Executive Officer IGBC, Ahmedabad

Faculty Team:



Dr. Khadeeja Priyan
(Prof. & Head of Department)
Dr. Snehal Popli
Prof. Poorav Shah
Prof. Niraj Kumar Mandowara
Prof. Krunali Patel
Prof. Anand Darji
Prof. Ratansharan Panchal
Prof. Jalpa Patel



Poster of the event:



IGBC WEEK CELEBRATION 2022

THEME: #BUILDINGFOREVERYONE

DATE:
26TH - 30TH SEPTEMBER 2022

VENUE: SEMINAR HALL

26 TECHNICAL EVENTS:
CIVISTA

NON-TECHNICAL EVENTS:
INQUISITION & SYMPHONY 27

28 TECHNICAL EVENT:
PERSPECTIVE PHOTOGRAPHY

TECHNICAL SESSION
INVITED TALKS & TREE PLANTATION 29

30 VALEDICTORY VISIT:
SARDAR SAROVAR DAM & SATATUE OF UNITY

Dr.C.C.Patel & Mrs.Sushilaben Patel
Department of Civil Engineering
G H Patel College of Engineering & Technology
(A Constituent College of CVM University)