

NIRMAAN



RANKED 7th IN
GUJARAT

THE NEWSLETTER: DEPARTMENT OF CIVIL ENGINEERING JANUARY 2021-JUNE 2021, ISSUE NO. 6 INSIDE THIS ISSUE

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FROM THE DESK OF PRINCIPAL

DR. VISHAL SINGH; PRINCIPAL, ADIT

At the outset, I congratulate the Civil Engineering Department for the release of the 5th issue of the departmental newsletter “NIRMAAN”. Department has taken a good initiative to do MOU with NHA and it is expected that all Civil Engineering students take maximum benefit from it. Department has joined “UNNAT BHARAT ABHIYAN” of Govt. of India under which 6 towns of Anand district will be surveyed by the team of students & faculty members for infrastructure facilities. I congratulate the two students who got 10 out of 10 SPI in the semester 8 examination of GTU. Civil Engineering is one of the core branches is on upfront in our country due to many infrastructure projects coming up by the government. It is expected that the department will give maximum practical experience to the students of Civil Engineering.

FROM THE DESK OF HEAD OF DEPARTMENT

DR. RAJIV BHATT; HEAD (CED), ADIT

Department of Civil Engineering completed 10 years since the beginning of B.E. Civil programme. Many alumni's are working at various departments of govt. of Gujarat after passing GPSC examination. During this period we have done MOU with NHA regarding internship of our students. Two students have secured 10 out of 10 SPI in semester 8th examination. Department has carried out many online technical activities which are mentioned in this report. Department is thankful to principal sir & management for providing all kind of support & motivation.

MESSAGE FROM EDITORIAL BOARD

**PROF. AXAY SHAH, KEYUR KAGATHARA (FY),
SONU PANDEY (FY), CHIRAG RATHOD (TY)**

It is with great pleasure and enthusiasm that we are bringing to you the sixth issue of the Newsletter for the Civil Engineering Department. We feel privileged for the faith reposed in us for performing the role of editor of the Department's Newsletter. The essential purpose of "NIRMAAN" is to inform, engage, and inspire a diverse readership including alumni, faculty, staff, students, and parents. We have worked hard for this Newsletter and we would like to thank Dr. Rajiv Bhatt (HOD, Civil Engg. Dept) for the continuous motivation, inputs, and time to time feedback for the final draft of this newsletter. The current newsletter will give you a glimpse of all the activities and achievements of both students and faculty during the past six months.



ABOUT CIVIL ENGINEERING DEPARTMENT



Civil Engineering is one of the oldest branches of engineering and the department provides practical-based learning with a focus on fundamental teaching of basic courses as per the curriculum of CVM University.

The Department is having highly qualified and experienced faculty members with different specializations. 1 is Ph.D. and 4 are pursuing their Ph.D. and remaining are having post-graduation in various sub-branches of Civil Engineering.

VISION:- Inculcating creativity for environmentally sustainable Civil Engineering

MISSION:- To nurture excellence and promote the growth of the learning environment.

Create state-of-art infrastructure, to enhance teaching, research and consultancy.

To facilitate effective interactions among faculty and students, and foster networking with alumni, industries, institutions, and other stakeholders.

PROGRAM EDUCATIONAL OBJECTIVES (PEO)

1. To produce Civil Engineering graduates who can excel in their professional career and/ or higher education by acquiring knowledge in basic engineering principles.
2. To produce Civil Engineering graduates who can analyse any real-life problem and design structures which are not only safe and economical but also socially acceptable & environmentally sustainable.
3. To produce Civil Engineering graduates who can exhibit attitude, professionalism, ethics, ability to communicate with team members and adapt to the latest trends by engaging themselves in lifelong learning.
4. To produce Civil Engineering graduates who can function successfully in a professional environment by utilizing and enhancing their problem-solving and communication skills.

DEPARTMENT STRENGTH



Ms. Chhaya Bhatt, Prof.Drashti Bhatt, Prof. Kumarpal Trivedi, Dr.Rajiv Bhatt, Prof.Darshan Yagnik ,Prof.Bhavin Patel, Prof.Axay Shah, Prof.Tausif Kauswala.

Miteshbhai, Ghanshyambhai, Mineshbhai, Rambhai



**Release of 5th Issue of
Nirmaan**



26th January Celebration

KEY ACHIEVEMENTS OF DEPARTMENT

1. Unnat Bharat Abhiyan

The Civil Engineering department has joined the “Unnat Bharat Abhiyan Programme of MHRD, New Delhi” for ADIT with a grant of Rs. 50,000/- and started work on six villages of Anand District: Boriya, GanaMeghva, Hadgood, Rahtalav, Vaghasi and NavagamVanta

2. Memorandum of Understanding (MOU) with National Highway Authority of India (NHAI)

A.D.Patel Institute of Technology has signed the Memorandum of Understanding (MOU) with the National Highway Authority of India (NHAI) on 12/04/2021 under the Institutional Social Responsibility program of NHAI through the Civil Engineering Department of ADIT. We have adopted two stretches of National Highways.



3. Academic Excellence

Hemang Dave (170010106009) and Savan Koyani (170010106017) from final year class has secured 10.00 SPI in university summer -2021 examination in the 8th semester



Hemang Dave (170010106009)
(17-21 Batch)
(10 SPI)



Savan Koyani (170010106009)
(17-21Batch)
(10 SPI)

FACULTY SEMINAR

Sr.No.	Name of speaker	Topic	Date
1.	Prof. Tausif Kauswala	Fibre-Reinforced Concrete	30-01-21
2.	Prof. Axay Shah	Material using in False Ceiling	26-02-2021

CO-CURRICULAR ACTIVITY

Sr No	Type of Event	Date	Title	Speaker	Class	Faculty Co-ordinat-or	Total Students Appeared	Organizing Body/Chapter
1.	Industrial visit	22-02-2021	Visit to a Prestress/Precast Factory	NA	4 th year	Prof. kumarpal Trivedi	09	NA
2.	Industrial Visit	05-03-2021	Visit to Dedicated Freight Corridor	NA	4 th year	Prof. kumarpal Trivedi & Prof. Bhavin Patel	26	NA
3.	Expert Lecture Webinar	06-03-2021	Sustainable Materials for Green Building Constructi'on	Mr. Utsav Tayade Associate Counsellor, CII, Hyderabad	All	Dr. Rajiv Bhatt	54	IGBC Students' Chapter, ADIT
4.	Industrial visit	06-03-2021	Visit to "OM ELITE" site	NA	4 th & 3 rd year	Dr. Rajiv Bhatt	14	IE(India) Students', Chapter, Civil Engineering Department, ADIT
5.	Village Visit	17-03-2021	Hadgood village visit	NA	NA	Dr. Rajiv Bhatt & Prof. Drashti Bhatt	NA	UBA Cell, ADIT
6.	Expert Lecture Webinar	17-03-2021	External Thermal Insulation and Composite Systems	Mr.Barun Sanki Divisional Sales Manager-EIFS, Berger Paints India Ltd., Kolkata	All	Dr. Rajiv Bhatt	45	IGBC Students' Chapter, ADIT

Sr No	Type of Event	Date	Title	Speaker	Class	Faculty Co-ordinator	Total Students Appeared	Organizing Body/Chapter
7.	Expert Lecture Webinar	10-04-2021	Automation in Construction Project Planning	Mr. Mitesh Bhatt Founder, NKM Planning Solutions, Gujarat	All	Dr. Rajiv Bhatt	48	IE(India) Students', Chapter, Civil Engineering Department, ADIT
8.	Expert Lecture Webinar	17-04-2021	3 D Modular Precast Construction	Mr. Siddharth Sharma Magicrete Building Solutions Pvt.Ltd., Surat, Gujarat	All	Dr. Rajiv Bhatt	57	IGBC Students' Chapter, ADIT
9.	Expert Lecture Webinar	12-06-2021	UBA- Participation of Individuals in Development of Rural India	Dr. K.D.Yadav Associate Professor, SVNIT, Regional Coordinator of UBA & Er. Jaydip Vora UBA Manager, RCI-UBA, SVN	All	Dr. Rajiv Bhatt & Prof. Drashti Bhatt	70	UBA Cell, ADIT
10.	Quiz competition	24-04-2021	NA	NA	4 th year	Prof. Tausif Kauswala	56	IE(India) Students', Chapter, Civil Engineering Department, ADIT
11.	Quiz competition	24-04-2021	NA	NA	3 rd year	Prof. Drashti Bhatt	48	IE(India) Students', Chapter, Civil Engineering Department, ADIT
12.	Quiz competition	24-04-2021	NA	NA	2 nd year	Prof. Axay Shah	34	IE(India) Students', Chapter, Civil Engineering Department, ADIT

KNOWLEDGE ENHANCEMENT

PROGRAMMES ATTENDED BY FACULTY

MEMBERS

Sr.No	Name	Topic	Institute/Agency	Date
1.	Dr. Rajiv Bhatt & Prof. Kumarpal Trivedi	Webinar on Implications of NEP 2020 on Curriculum Design	CVMU	12-03-2021
2.	Dr. Rajiv Bhatt & Prof. Drashti Bhatt	National Webinar on Unnat Bharat Abhiyan – “ Factors to Consider for Planning of Projects”	Unnat Bharat Abhiyan Scheme	13-03-2021
3.	Prof. Bhavin Patel	Webinar by IE(India) on “ Sustainable Development Goals – Clean Water and Sanitation”	IE(India)	17-03-2021
4.	Prof. Bhavin Patel	Webinar by IE(India) on “ Sustainable Development Goals – Life Below Water”	IE(India)	25-03-2021
5.	Dr. Rajiv Bhatt & Prof. Kumarpal Trivedi	Webinar on Aligning Curriculum to CVM University Vision and Mission	CVMU	25-03-2021
6.	Dr. Rajiv Bhatt & Prof. Kumarpal Trivedi	Webinar on Components of Curriculum	CVMU	03-04-2021
7.	Dr. Rajiv Bhatt & Prof. Kumarpal Trivedi	Webinar on Assessment of Curriculum	CVMU	09-04-2021
8.	Dr. Rajiv Bhatt & Prof. Kumarpal Trivedi	Webinar on Outcome-based Curriculum Design & Development	CVMU	16-04-2021
9.	Dr. Rajiv Bhatt & Prof. Kumarpal Trivedi	Webinar on Systematic Approach to Instructional Design.	CVMU	23-04-2021

Sr.No	Name	Topic	Institute/Agency	Date
10.	Dr. Rajiv Bhatt & Prof. Kumarpal Trivedi	Webinar on Intellectual Property Rights (IPR) and IP Management for Start-Up.	CVM UNIISC, ADIT	24-04-2021
11.	Prof. Axay Shah & Prof. Kumarpal Trivedi	Webinar on “ Sustainable Construction, a Code-based Approach”	Ultratech Cement Ltd.	24-04-2021
12.	Prof. Kumarpal Trivedi	Webinar on “ Recent Trends in Geotechnical Engineering for Infrastructure Development”	IGS & IIT, Tirupati	24-04-2021
13.	Prof. Kumarpal Trivedi	Webinar on “ Durability and Service Life Predictions for Concrete”	Ultratech Cement Ltd.	01-05-2021
14.	Prof. Drashti Bhatt	One Week Faculty Development Program (FDP) on “ Sustainable Technique For Rural Development”	RCI-UBA SVNIT, Surat in Association with NIRD&PR, Hyderabad	17-05-2021 to 21-05-2021
15.	Prof. Axay Shah	Webinar on “Latest Techniques for Rehabilitation of Structures”	M. S. Patel Department of Civil Engineering, CSPIT, Under the aegis of Indian Concrete Institute (ICI) Students’ Chapter, CHARUSAT	29-05-2021
16.	Prof. Drashti Bhatt	3-Day Online training workshop on “Spatial Planning for Gram Panchayat Development Planning”	RCI-UBA SVNIT, Surat	09-06-2021 to 11-06-2021
17.	Prof. Tausif Kauswala	Webinar on “Advances in Pre-Engineered Buildings”	Department of Civil Engineering, SSN College of Engg., Kalavakkam, Chennai	12-06-2021
18.	Dr. Rajiv Bhatt & Prof. Bhavin Patel	Webinar on “ India’s Leadership Role in Advancing Green Buildings”	CII-IGBC & NAREDCO’s	24-06-2021

Sr.No	Name	Topic	Institute/Agency	Date
19.	Dr. Rajiv Bhatt	National Level Webinar on “ Smart Cities – The Challenges”	Akshaya College of Engg.& Tech., Coimbatore, Tamilnadu	25-06-2021
20.	Prof. Tausif Kauswala	Webinar on “Concrete for Energy Efficiency & Comfort in Buildings”	Ultratech Cement Ltd.	26-06-2021

FACULTY ACHIEVEMENT

Dr. Rajiv Bhatt worked as an Evaluator in a National Level Event “Toycathon 2021” for two days 23-06-2021 & 24-06-2021.

RESEARCH PAPER PUBLICATION

1. Dr. Rajiv Bhatt and **Prof. Bhavin Patel** published a paper titled “Development of Green Building Rating Tool of Gujarat State.” in ‘NICMAR Journal of Construction Management’, Volume: XXXVI, No.1, January-March, 2021, ISSN: 0970-3675.

2. A paper by Prof. Drashti Bhatt titled “**Photocatalytic**” degradation of Reactive Black 5 using Ag_3PO_4 under visible light” is accepted in ‘Journal of Physics and Chemistry of Solids (ELSEVIER)’, Volume: 149, February-2021, DOI:10.1016/j.jpcs.2020.109768.

3. Tausif Kauswala, Megh Prajapati, Akshar Patel, Dhruvin Patel, Vivek Vaghela published a paper titled “Comparative Analysis of Pratt and Howe Truss Considering Different Eave Height and Span” in Journal of Emerging Technologies and Innovative Research (JETIR), Volume 8, Issue 5, 25th May-2021, ISSN UGC Approved (Journal No: 63975).

4. Prof. Bhavin Patel, Prof. Axay Shah, Prof. Prakash Dabhi published a paper titled “A Study of Ambient Noise Quality Monitoring of G.I.D.C. Vitthal Udyognagar, Gujarat” in Journal of Psychology And Education (2021), Volume: 58 (1), Page No 5864 to 5872, June - 2021, ISSN No: 00333077.

5. Prof. Darshan Yagnik, published a paper titled “Various Methods of Seismic Analysis - A Review” in International Journal of Research And Analytical Reviews (IJRAR), Volume 8, Issue 5, 6th June-2021, ISSN UGC Approved (Journal No: 43602).

ACADEMIC ACHIEVEMENT

1st Semester

Rank	Enrollment number	Name of student	SPI
1.	12002030601009	Yogesh Gayakwad	8.95
2.	12002030601009	Harshil Mathukiya	8.16

3rd Semester

Rank	Enrollment number	Name of students	SPI
1.	2000101065067	Suthar Jash Shailesh	8.00
2.	200017106001	Mohammad Abid Vahora	7.74

5th Semester

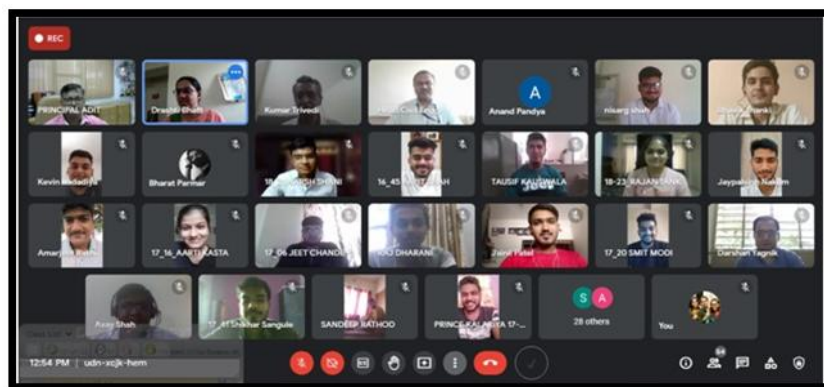
Rank	Enrolment number	Name of students	SPI
1.	190013106010	Shah Parth Shaileshbhai	8.43
2.	190013106003	Ratanpara Yug C.	8.19

7th Semester

Rank	Enrolment number	Name of students	SPI
1.	170010106017	Koyani Savan Vinodbhai	9.65
1.	170010106055	Sardar Wali Ahmadzali	9.65
2.	170010106006	Chande Jeet Kalpeshbhai	9.42

Interaction with Stake Holders

Sr.no	Date	Description	No.of participants
1.	22/02/2021-23/02/2021	Parents Teachers Meet	30
2.	09/06/2021	Farewell Function (AY: 2017-2021 batch)	45



Farewell Function (AY:2017-2021 batch)

Students' Achievement

1. Patel Kasty (200010106519) secured 1st rank in a poster competition on “Road Safety”
2. Sapra Yuvraj (200010106510) secured 1st rank in a quiz competition under IE(India) Civil Engineering students chapter.
3. Abid Vahora (200017106001) secured 2nd rank in a quiz competition under IE(India) Civil Engineering students chapter.
4. Chirag Rathod (200010106501) and Jash Suthar (200010106507) secured 3rd rank in a quiz competition under IE(India) Civil Engineering students chapter.
5. Nikhil Vanpariya successfully participated in the adobe video hackathon – an initiative of adobe in association with LaCie.
6. Hemang Dave, Megh Prajapati and Sangule Shikhar have cleared 1st round in Ultratech – Sparkling Star contest at Baroda in March 2021.
7. Dhyey Patel (180010106025) secured 1st rank and best goalkeeper Award in the Vadodara League and Monsoon League.
8. Mohishraj Jadav (190013106004) was promoted from corporal to Sargent in NCC.
9. Mohishraj Jadav (190013106004) was promoted from vice-president to Chairperson of E-Cell ADIT.
10. Kagathara Keyur (180010106014) was selected as a president of IE (I) students' chapter ADIT.

Alumni Feedback



Ketul Patel
Assistant Engineer,
Dharoi Canal
Subdivision.3,
NWRWS&K
Department, Mehsana

It was such a remarkable experience, here at A.D.I.T. What I can clearly admit is, this institute —and the Civil Engineering department, of course — not only teaches you what Civil engineering is all about, but rather it, from time to time, nourishes you with the knowledge of what Civil has to offer to this world and what are the prospects! It was a great learning curve for me, especially, and in hindsight, I am amazed how it opened my naïve eyes to the real hopeful world at such a young age. All the faculties here are so helpful, they would always keep students' performance graph in check; always make sure that students are on the same page as them, when it comes to any changes in methods of learning or any other activities that go around. All in all, this is one of the best places to learn, improve, grow and find freedom on your own. All of these aided me to be the better version of myself. Practical approach, decision-making and time management skills have always been a key feature I have learnt from here. And I am so grateful for that.

Once again, I would like to say, where I stand today and where I want to go, has so much influence from the Civil engineering department of A.D.I.T. It's truly an honor to be an Alumni of such an institute. Thank you from the bottom of my heart.



Pankti Bhatt
(150010106004)
Project Coordinator
Urbacon Ltd.
Toronto, Canada

Hard work and Patience is what you need to be successful in life, but you also need a good support from your peers and mentors all along the journey, which is where ADIT did its part in my growth. Not only was I privileged to learn and grow under all the supportive mentors of Civil Engineering department, but I feel proud to be a part of such a renowned culture. From lab teachings to group projects to site visits, I learnt a lot of things which I did not realize then but are important when incorporated in real life.

All thanks to the teachers and faculty staff of ADIT Civil dept. for making me believe in myself and supporting me to do my best and know my worth.



Hemang Dave
(170010106009)

First of all a warm thanks and acknowledgement to the department's faculty members for providing constant and selfless support throughout the four years of college life. I secured 10 SPI in 8th semester, but it could not be possible without the guidance and support of faculty members. Apart from academics, faculties helped us in every situation by providing the right direction. During this pandemic, faculties have arranged a mock test which helps the students to get the idea about the external exam & to achieve good marks as well.

From giving important questions for external exams to giving important site lessons, faculty members were always there to support their students and this life lessons will help us whenever we are going to enter in the real world.

Atlast I would like to thank all the faculty members as well as the non - teaching staff for providing the constant support during the four years of college life. It's been an amazing experience and has led me to consider a future career in supporting people with additional needs.

“Teachers are our second parents, friends and confidantes. for thank you for all that you have done for me.”

PHOTO GALLERY



Visit to “Prestress/Precast Factory” – 22-02-2021



Visit to “Dedicated Freight Corridor” site – 05-03-

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CVM UNIVERSITY

A WEBINAR ON
“SUSTAINABLE MATERIALS FOR GREEN BUILDING CONSTRUCTION”

Organized By:
IGBC Students' Chapter

DATE: 06-03-2021
TIME: 11:00 a.m.
Target Audience: Third and fourth year Civil Engineering students

REGISTER NOW!
<https://www.google.com/events/details/igbc-students-chapter-2021-03-06>

FEEL FREE TO CONTACT
 Dr. Rajiv Bhatt (9426488052)

UTSAV TAYADE
Associate Counselor, OI, Hyderabad

meet.google.com/tsr-fttg-icc?pli=1&authuser=0

REC U Utsav Tayade is presenting

A. Roof Insulation + High SRI Paint
 Thermal conductivity (k) 0.025 – 0.045 (W/m.K)
 Weight 90
 Low-Flame, GWP, VOC, Heavy Metal Concentration
 Reduces heat island effect & heating load

B. Fenestration
 Glass: VLT ≥ 67, SHGC ≤ 0.5, U ≤ 1.2
 Doors & Windows: Thermal and acoustic insulation
 Recycled Content (30-50%)
 FSC Certified / Sustainably Sourced Wood
 Reduces the building's exposure to light

C. Construction Chemicals
 Low VOC & Heavy Metals
 Recycled Content ≥ 30-50%
 Low Heavy Metal Concentration
 Recycled Content (20-40%)
 Enhances building durability & resilience

D. Steel
 High Strength, Durability & Corrosion Resistant
 Recycled Content (20-30%)
 CO₂ Emission reduced by 35-40%
 Increases durability of building

E. Concrete
 Recycled Content in cement
 Fly ash up to 10% / Slag up to 10%
 Recycled Aggregates (5-300%)
 High Strength, Durability, Low Shrinkage & 10% compression
 Contributes to energy efficiency, water management, waste utilization & low embodied carbon

F. Construction Blocks
 U Value (1.0 to 1.5) W/m²°C
 Recycled Content (30-50%)
 Regional Content (40-50%)
 Good insulation and light weight for high rise buildings

G. Swards, Panels & Wooden Work
 Low VOC, Carbon-friendly
 Recycled Content (20-30%)
 FSC Certified or Sustainable Wood
 Better thermal & sound insulation

H. Cleaning Chemicals
 Low VOC, Multipurpose
 Low odour, biodegradable
 Better health & hygiene

I. Flooring & Carpets
 Low VOC, Recyclable and
 Recycled Content (30-50%)
 FSC Certified or Sustainable Wood
 Better health & well being of occupants

J. Paints & Coatings
 Low VOC, Zero Aromatic & Halogenated
 Hydrocarbons, Formaldehyde
 Better health & well being of occupants

K. Furniture
 Low VOC, Carbon-friendly, Recyclable
 FSC Certified and Recycled Content for wood
 Engage local suppliers for materials

L. Plumbing Fixtures & Sanitaryware
 WC, BATH, SINK, URINAL, VENT
 Recycled Content (10-20%)
 Low VOC, Zero Aromatic & Halogenated Hydrocarbons, Formaldehyde
 Better health & well being of occupants

M. Lighting
 Energy Star LED
 Low VOC, Carbon-friendly
 Energy Efficient & Good ambient
 Energy efficiency & good ambient

Webinar on "Sustainable Mat...
 REDMI NOTE 8
 AI QUAD CAMERA

Webinar on “Sustainable Materials for Green Building Construction”
06-03-2021



Site visit of 3rd & 4th year students at “OM ELITE” site – 06-03-2021



Visit at “Hadgood Village” by UBA Cell
17-03-2021

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A WEBINAR ON
"EXTERNAL THERMAL INSULATION AND COMPOSITE SYSTEMS"

Organized By:
 IGBC Student's Chapter, ADIT

DATE: 17-03-2021
 TIME: 03:00 p.m.
 Target Audience: Second, third and fourth year Civil Engineering students

REGISTER NOW!
<https://www.adit.edu.in/Events/2021/03/17/External-Thermal-Insulation-and-Composite-Systems>

FEEL FREE TO CONTACT
 Dr. Rajiv Bhatt (9428488052)

Mr. Barun Sanki
 Divisional Sales Manager - EPF,
 Berger Paints India Ltd, Kolkata

Barun Sanki is presenting

Basic Environmental Issues in India

Carbon Emissions: India promised to reduce 30-35% of total carbon emission by 2030 as per 2015 Paris Agreement

Sources of carbon emission:

- 28% from electricity & heat generation,
- 12% from commercial & residential sector due to running of Air conditioners.
- Coal and oil gets consumed in generating electricity, increasing carbon emission and inflating our import bill

WEBINAR IGBC STUDENTS' C...

Webinar on “External Thermal Insulation & Composite System” - 17-03-2021

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IE (I) STUDENTS' CHAPTER,
 CIVIL ENGINEERING DEPARTMENT,
 PRESENTS

A WEBINAR ON
Automation in Construction Project Planning

Date: 10-04-2021
 Time: 02:00 pm
 Target Audience: Fourth year Civil Engineering Department Students

REGISTER NOW!
<https://www.adit.edu.in/Events/2021/04/10/Automation-in-Construction-Project-Planning>

FEEL FREE TO CONTACT
 Dr. Rajiv Bhatt : +91 94284 88052
 Faculty Coordinator
 IE (I) STUDENTS' CHAPTER, CIVIL ENGINEERING DEPARTMENT

Mr Mitesh Bhatt
 Founder
 NKM Planning Solutions
 Gujarat

17_06 JEET CHA... and 23 more

2:31 PM

IMPORTANCE OF PROJECT PLANNING

1 PROJECT SCHEDULING & BUDGETING
 Setting a Timeline and optimizing work & detail estimation of all the costs.

2 RESOURCES ALLOCATION AND LEVELLING
 Defining project resource requirements and balancing resources and start and end of the project based on resource constraints.

3 RISK PLANNING
 Anticipating, Prioritizing and managing the risks.

4 PLANNING SAFETY & QUALITY ASSURANCE
 Identifying the possible physical and health hazards that could harm workers at site and Preparing Safety Plans and procedures to prevent it.

REDMI NOTE 8 AI QUAD CAMERA

Webinar on “Automation in Construction Project Planning” – 10-04-2021

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A D PATEL INSTITUTE OF TECHNOLOGY
(A CONSTITUENT COLLEGE OF CVM UNIVERSITY)

A WEBINAR ON
3 D MODULAR PRECAST CONSTRUCTION

Organized By: IGBC STUDENTS' CHAPTER, ADIT

Date: 17-04-2021
 Time: 11 AM
 Target Audience: 2nd, 3rd & 4th year Civil Engineering Students

REGISTER NOW!
<https://www.adit.edu.in/Events/2021/04/17/3-D-Modular-Precast-Construction>

FEEL FREE TO CONTACT
 Dr. Rajiv Bhatt
 Faculty Coordinator
 IGBC STUDENTS' CHAPTER, ADIT
 CONTACT: 9428488052

Mr Siddharth Sharma
 Magicrete Building Solutions Pvt Ltd,
 Surat

Siddharth Sharma is presenting

11:20 AM

MagicPod production process flow

Raw Materials → Production Process → Finished Products

Raw Materials: Sand, Cement, Water, Admixture

Production Process: Mixing, Casting, Curing, Finishing

Finished Products: MEP, Interiors, External Works, Safety Walls

magicrete

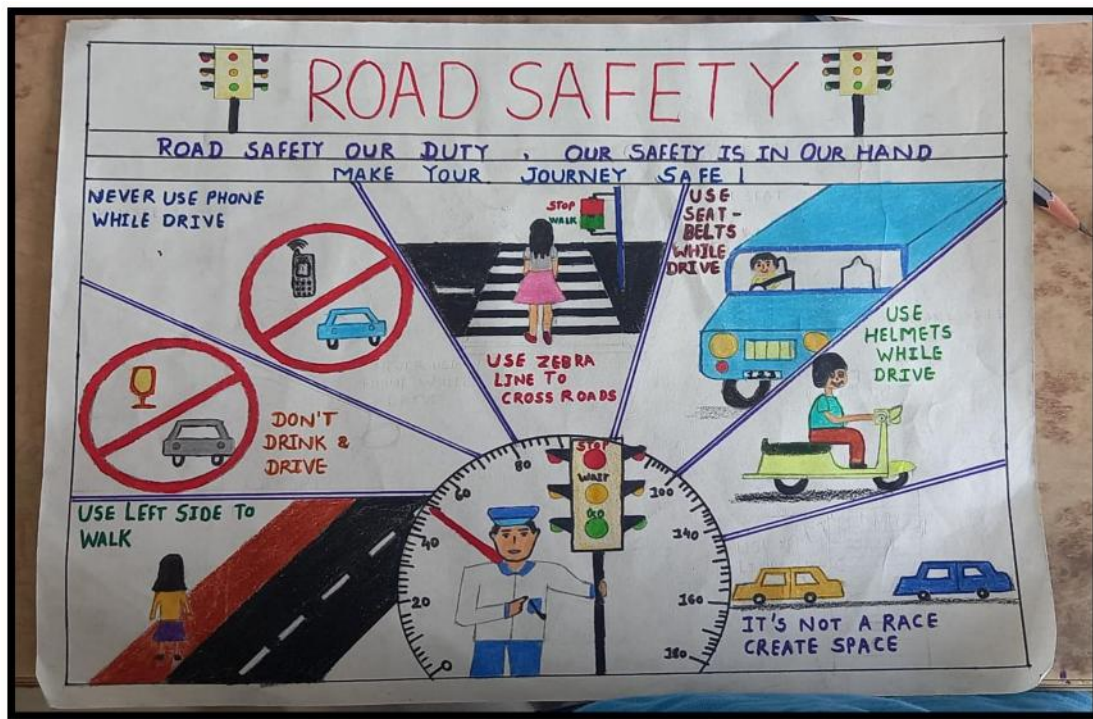
Webinar on “3D Modular Precast Construction” – 17-04-2021



**“Practical Sessions” for BBIT College Students at ADIT by Civil Department
17-03-2021**



Dhyye Patel (180010106025) secured 1st Rank and best Goalkeeper Award in the Vadodara League and Monsoon League.



Kasty Patel secured 1st Rank in Poster Making Competition

Art Corner

એ કમ્પસ જ્યાં જીવનના ત્રણ વષની કોલેજ લાઇફ માણવાની મજા છે .
 જ્યાં મિત્રો સાથે ભાગા-ભાગી ને મસ્તીની મજા છે
 એ કમ્પસ જ્યાં દરક લેકચર ભરવાની ઈચ્છા ના હોવા છતાં
Attendance ના ભયથી ન મન સાથે બેસવા ની પણ મજા છે .
 બપોર પછા લેકચરમાં ચાલુ ક્લાસમાં ઝોકા ખાવાની પણ કઈક અલગ
 મજા છે
 આ બધું છતાં એ કમ્પસ જ્યાં ભણીને અજીનિયર બનવાની પણ એક
 અલગ મજા છે.....

~Rohit Dipesh



Gamit Arista

लोग मुकद्दर तलाश करने मे जल्दो क्या किया करते है
 " ए तौंसफ"

रास्ते खुद निकल आते है कोशीश और उम्मीदा के बाद

~ Prof. T F kauswala

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