



A D PATEL INSTITUTE OF TECHNOLOGY

A Constituent College of CVM University
An ISO 9001 - 2015 Certified Institute



★★★★★
RANKED 7TH IN
GUJARAT

WE CONVERT DREAMS INTO A REALITY



NIRMAAN



THE NEWSLETTER: DEPARTMENT OF CIVIL ENGINEERING

JULY 2022-DECEMBER 2022,

ISSUE NO. 9

INDEX

❖	Message from Officials.....	3
❖	About Charutar Vidyamandal... ..	4
❖	About CVM University	4
❖	About Institute... ..	4
❖	About Civil Engineering Department.....	5
❖	Co-Curricular Activities.....	6
❖	Academic Achievements... ..	9
❖	Students Achievements.....	10
❖	Alumni Feedback.....	11
❖	Students' Chapters.....	11
❖	Photo Gallery.....	12

MESSAGE FROM OFFICIALS



DR. VISHAL SINGH;
PRINCIPAL, ADIT

FROM THE DESK OF PRINCIPAL

At the outset I congratulate the Civil Engineering Department for releasing the 9th issue of departmental newsletter “NIRMAAN”. It is appreciated that department had organized ATAL FDP on emerging topic of “Green Technology: Innovations & Challenges” during this period.

I congratulate the “NIRMAAN” team for putting efforts to come out with this issue.



DR. RAJIV BHATT;
HEAD (CED), ADIT

FROM THE DESK OF HEAD OF DEPARTMENT

I am happy to announce that department is releasing the 9th issue of Newsletter. This newsletter is reflection of academics & extra-curricular activities carried out during July-December 2022. It includes ATAL FDP, IGBC Green Building Week Celebration & Technical visits. We are thankful to Principal Sir and CVM University for providing all kind of support and guidance.

I convey congratulations to the editors & look forward to your kind patronage to this newsletter.

MESSAGE FROM EDITORIAL BOARD

It gives us immense pleasure to ensure that this newsletter has successfully accomplished its objective. The reflection of the students’ creativity and achievements is the epitome of the newsletter. Students have put forth their ideas and thoughts that are too deep to be expressed and too strong to be suppressed. This newsletter is before you with the combined efforts of the Editorial Board, HOD of Civil Engineering department Dr. Rajiv Bhatt sir and Prof Axay Shah Sir.

We take the opportunity to thank all the contributors as their contribution is the reason that makes this newsletter endearing with our readers.



Prof. Axay Shah



Chirag Rathod
(FY)



Shireen Masih
(TY)



Girish Gabani
(SY)

ABOUT CHARUTAR VIDYAMADAL

One of the greatest sons of India Late Sardar Vallabhbhai Patel inspired Shri Bhaikaka and Shri Bhikabhai Saheb for rural resurgence of post-independent India through education, and Charutar Vidya Mandal was born. Charutar Vidya Mandal was established in the year 1945 as a charitable trust with a prime objective of rural development through education to bring about the social awakening, social upliftment and enrichment. The uniqueness of Charutar Vidya Mandal lies in its ability to use quality education as a powerful means of social transformation. It was a stupendous task for the founders to establish a visionary organization; but the large-heartedness and high sense of philanthropy of this region made this possible. Over the subsequent years, Late Dr. H M Patel consolidated the efforts put in by the founders. Later on, in the 1990s, when Late Dr. C L Patel took over the reigns of Charutar Vidya Mandal as the Chairman, the country was facing a major economic and ideological change paving the way for globalization and liberalization. Today Charutar Vidya Mandal is empowering budding graduates to live up to the ever changing environment and equipping them to face the third millennium with confidence and competence. Building competitive advantages is the renewed focus of Charutar Vidya Mandal in the 21st century. At present, under the chairmanship of Er. Shri Bhikubhai B. Patel, Charutar Vidya Mandal operates 48 Educational Institutions from schools to colleges and a sophisticated Research Institute, with over 30,000 students on the rolls. CVM University was inaugurated on the day of Platinum jubilee celebration of CVM by Hon. Vice President of India.

ABOUT CVM UNIVERSITY

Charutar Vidya Mandal University (CVMU) is established in the year 2019 as a largest self-financed state private university with a prime objective of imparting quality education for current and future needs of individual, society and the nation. The CVM University offers programs in more than nine academic disciplines. The initial size of the CVM University is largest among all private universities of Gujarat and around 10,000 students and 560 well qualified faculty members and almost the same number of non-academic staff members are the part of the CVM University.

ABOUT INSTITUTE

A, D. Patel Institute of Technology is one of the pioneer institutes imparting technical education located at New Vallabh Vidyanagar in the state of Gujarat, India. Established in the year 2000 and managed by Charutar Vidya Mandal (CVM), one of the leading trust of the nation established in 1948. The institute is located in satellite township of New Vallabh Vidyanagar having green natural environment and beautiful landscape near educational hub of the state, Vallabh Vidyanagar and Milk city Anand. Institute offers B.Tech courses in Automobile Engineering, Electronics and Communication Engineering, Computer Engineering, Information Technology, Electrical Engineering, Mechanical Engineering, Food Processing Technology, Civil Engineering, Computer Science and Design, Artificial Intelligence (AI) & Data Science and Dairy Technology. Institute also offers 6 post graduate courses

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. At present two faculty members are having Ph.D. degree and five are pursuing their Ph.D.

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 analyze 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.



CIVIL ENGINEERING DEPARTMENT AND LABORATORIES

CO-CURRICULAR ACTIVITIES

Sr No	Type of Event	Date	Title	Name of Speaker	Class	Faculty Coordinator	Total Students Appeared	Organizing Body/ Chapter
1	Skit Session	2/7/2022	Save Soil Movement	Volunteers of ISHA FOUNDATION	ALL	Dr, Rajiv Bhatt	73	Department
2	Field visit	30/8/2022	Amul Plant Visit	-	3 rd Year	Prof. Bhavin Patel	53	Department
3	Field visit	10/9/2022	Building Construction Site	-	2 nd year	Prof. Chhaya Brahmhatt	9	Department
4	Expert lecture	26/9/2022	IGBC WEEK Celebration (Lecture series)	Ms Neetu Jain	ALL	Dr, Rajiv Bhatt	ALL	IGBC Students' Chapter, ADIT.
5	Expert lecture	28/9/2022	IGBC WEEK Celebration (Lecture series)	Ms. Shreya Dalwadi	ALL	Dr, Rajiv Bhatt	ALL	IGBC Students' Chapter, ADIT.

Sr No	Type of Event	Date	Title	Name of Speaker	Class	Faculty Coordinator	Total Students Appeared	Organizing Body/ Chapter
6	Induction Program	29/9/2022	BBIT Students Visit To ADIT	N/A	-	Prof. Axay Shah	60	Department
7	Field Visit	30/9/2022	Sewage Treatment Plant	N/A	3 rd & 4 th year	Prof. Bhavin Patel & Dr Drashti Bhatt	28	IE (I) Students' chapter, ADIT
8	Field Visit	6/10/2022	RMC Plant Visit	N/A	2 nd year	Prof. Tausif Kauswala	11	Department
9	Field Visit	7/10/2022	Wanakbori Weir Site Visit	N/A	3 rd & 4 th year	Prof. Bhavin Patel & Prof. Darshan Yagnik	32	Department
10	Technical Visit	20/10/2022	Indian Urban Housing Conclave at Rajkot	N/A	3 rd year	Dr, Rajiv Bhatt	5	Department
11	Technical Visit	18/11/2022	CVM Girls hostel Construction site	-	2 nd year	Prof. Tausif Kauswala	11	IE (I) Students' chapter, ADIT

Sr No	Type of Event	Date	Title	Name of Speaker	Class	Faculty Coordinator	Total Students Appeared	Organizing Body/ Chapter
12	Faculty Development Program	12/12/2022 – 23/12/2022	ATAL FDP on “Green Technology: Innovations and Challenges”	-	-	Dr. Rajiv Bhatt, Dr. Drashti Bhatt & other faculty members.	33	Department
13	Field Visit	19/12/2022	AMUL Dairy plant visit	N/A	-	Prof. Bhavin Patel & Prof. Axay Shah	33	Department
14	Expert Lecture	21/12/2022	Advance waste water treatment with green technological approach	Dr Drashti Bhatt	-	Dr. Rajiv Bhatt & Dr. Drashti Bhatt	33	Department
15	Expert Lecture	23/12/2022	Green Buildings, Rating Systems and case study	Dr Rajiv Bhatt	-	Dr. Rajiv Bhatt & Dr. Drashti Bhatt	33	Department

ACADEMIC ACHIEVEMENTS

2th SEMESTER (CVM UNIVERSITY)

Rank	Enrollment Number	Name of Students	SPI
1	12102030601002	Patel Ayushkumar M	7.26
2	12102030601001	Charak Anjali	7.22

4th SEMESTER (CVM UNIVERSITY)

Rank	Enrollment Number	Name of Students	SPI
1	12002030601009	Yogesh Gayakwad	9.05
2	12002030601008	Vaibhav Gajera	7.25

6th SEMESTER (GTU)

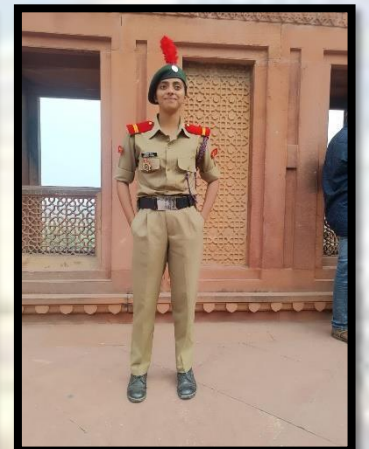
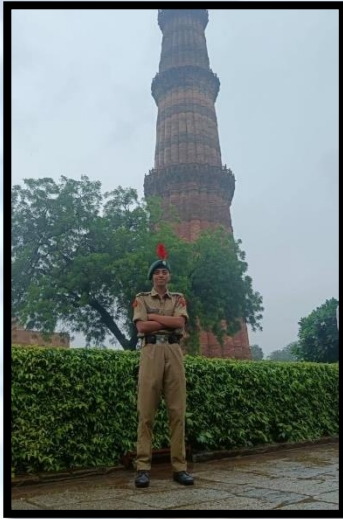
Rank	Enrollment Number	Name of Students	SPI
1	200010106519	Kasty Patel	7.90
2	200010106505	Parmar Bhargav	7.05

8th SEMESTER (GTU)

Rank	Enrollment Number	Name of Students	CPI
1	190013106009	Ratanpara Yug	8.05
2	190013106020	Parmar Mehul	7.89

STUDENTS' ACHIEVEMENTS

- Ms. Sonam Upadhyay (12002030601007) attended All India Thal Sainik Camp at Delhi 14/09/2022 to 26/09/2022 by representing Gujarat State.
- Ms. Sonam Upadhyay (12002030601007) attended Para Basic Course from 01/11/2022 to 25/11/2022 at Agra by representing Gujarat State (first female cadet from NCC 2CTC) & successfully completed 3 Para basic jumps of 1250 feet from AN32 Aircraft.



Photographs of Sonam during Sainik Camp at Delhi & Park basic course at Agra during Sept & Nov 2022.

ALUMNI FEEDBACK



Nirali Satasiya
(2013-2017 Batch)

My college life at ADIT has been one of the most valuable and memorable phase of my life. The college has all the needed top notch infrastructure. Moreover, the expert and always supportive faculties at ADIT have helped me shape my career in the right direction. As a matter of fact, for someone having a stage fear, the positive and healthy environment at ADIT helped me to overcome my weakest link of stage fear and be confident about myself. Not only that, it helped in growing as an individual with much needed moral values and ethics. I feel honored and proud to be an alumni of the college.

STUDENTS' CHAPTERS

(A) IGBC STUDENTS' CHAPTER

Civil Engineering has started IGBC Students' Chapter since August 2020. It is supported by Ahmedabad & Vadodara Chapter of Indian Green Building Council. The Chapter is run by the students. It conducts various activities like IGBC Green Building Week Celebration, Technical expert lectures and field visits.



(B) INSTITUTION OF ENGINEERS' INDIA STUDENTS' CHAPTER

Department runs IE(I) Students' Chapter since February 2019. It carries out technical activities like technical visits and expert lectures. Chapter is supported by IE(I) Organization. This chapter is also run by the students of Civil Engineering Branch.

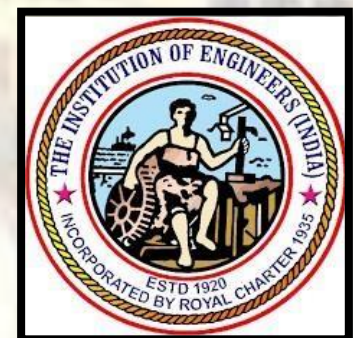


PHOTO GALLERY



Expert Lecture by Ms. Neetu Jain – 26/09/2022



Expert Lecture by Ms. Shreya Dalwadi – 28/09/2022



BBIT FY students visit of ADIT 29-9-22



CCYOP COMPETITION ADIT 30-9-22



SEWAGE TREATMENT PLANT VISIT 30-9-22



Wanakbori Weir Site Visit 07/10/22



CVM Girls Hostel Construction Site Visit 18/11/22

RMC Plant Site Visit 06/10/22



Indian Urban Housing Conclave at Rajkot 20/10/2022



HEALTH CHECK UP CAMP 18/10/22



ATAL FDP inauguration by
Dr P M Udani, Director CVMU,
Dr Urmil Dave, Chief Guest, 19/12/2022

Newsletter Release 19/12/2022



AMUL Dairy plant visit 19/12/2022

દિવ્ય ભાસ્કર ચરોત્તર-આણંદ ભાસ્કર 28-12-2022

CVM ની અડીઆઇટી કોલેજમાં ફેકલ્ટી ડેવેલોપમેન્ટ પ્રોગ્રામ યોજાયો



આણંદ ભાસ્કર | CVM યુનિવર્સિટીની ન્યુ વિદ્યાનગર સ્થિત ADIT કોલેજના સિવિલ એન્જિનિયરીંગ ડિપાર્ટમેન્ટ દ્વારા "શ્રીન ટેકનોલોજી ઇનોવેશન & ચેલેન્જિસ" વિષય પર તા. 12 થી 23 ડિસેમ્બર 2022 દરમ્યાન ફેકલ્ટી ડેવેલોપમેન્ટ પ્રોગ્રામનું આયોજન કરવામાં આવ્યું હતું. AICTE -ATAL પ્રાયોજિત આ FDP માં લગભગ 33 જેટલા ફેકલ્ટીઓએ ભાગ લીધો હતો જેનું પ્રથમ વીક ઓનલઈન તથા બીજું વીક ઓફલાઈન કેટેગરીમાં હતું. બે વીકના આ પ્રોગ્રામમાં લગભગ 17 જેટલા સેશન્સનું આયોજન થયું હતું.

ATAL FDP NEWS 28/12/22

~END OF NEWSLETTER~