



IE(I) STUDENTS' CHAPTER – CIVIL
CHAPTER CODE: 388120/BVME/CV
BIRLA VISHWAKARMA MAHAVIDYALAYA
VALLABH VIDYANAGAR – 388120, GUJARAT

Chairman: **Dr. S. D. Dhiman**

Faculty guide: **Prof. A. N. Bhavsar**

Faculty Advisor : **Prof. N. F. Umrigar**

Report on
“Technical visit to L&T-CSTI and Multi-storey Building”

Total number of students: 60

Faculty: 3

Date: 2nd March, 2024

Time: 08:00 AM to 09:00 PM

Venue: Ahmedabad

Faculty Members:

- 1. Prof. Jaydeep Prajapati**
- 2. Prof. Amit A. Amin**
- 3. Prof. Mrunali Vasava**

IE(I) Coordinators:

- 1. Prof. N. F. Umrigar** (Assistant Professor)
- 2. Prof. Amit Bhavsar** (Associate Professor)

Objective:

To impart beneficiary knowledge & provide information about construction process & industry work culture to the students of civil engineering department as well as provide information regarding different instruments used in construction process & for various construction equipment.

Description:

The Department of Civil & Structural Engineering in collaboration with IE(I) Students' Chapter Civil and sponsored by BVM Alumni Association organized technical visit to L&T-CSTI and Diaphragm Wall construction project for multi-storey building.

All students and faculty members assembled near the BVM Front Gate at 07:30 am and the bus departed at 08:00 am and reached L&T-CSTI at 10:00 am. The Principal Mr. V. R. Parekh welcomed all students and faculty members. Then all the students were divided into groups and taken to the various trade and to the model room, where various instruments and projects were displayed like:

1. Various Miniature Models of L&T-CSTI.
2. Various types of Scaffolding related to Towers.
3. Various types of Formworks.
4. Formworks for beam, column, pier, abutment, girder, deck, etc.
5. QA and QC Lab
6. Carpentry Lab
7. Brick Masonry, where students were explained how masonry is done and how various types of Bonds are implemented.
8. Different types of materials were displayed in Material Testing lab, where students got the insight of how the various materials are tested before using them.
9. They also displayed and showed the L&T's patented scaffolding and Doka formwork.
10. Safety equipment and safety gear were explained to the students, along with the importance of the same.

At L&T-CSTI, they had PPE Kit for Safety Purposes. It was mandatory for all workers and students to use all types of safety helmets, safety shoes, safety Belts, Safety Jackets, and other safety equipment for the safety of an individual. They also had various other workshops related to the carpentry and electrical departments, from which students also got to know much more about different departments as well and various construction methods were explained.

After the visit of L&T-CSTI at 01:00 pm, students and faculty members departed from L&T-CSTI and had lunch at 01:30 pm, which had a very amazing feeling.

In addition, students were taken to a practical field where the actual training and how they train the workers were explained, i.e., the actual role of the CSTI and the ongoing training of workers. Below are the few operations and methods into which students gained insight.

1. Bar Bending schedule
2. All things that were theoretically explained in model room and almost every aspect of the site work was being taught to the workers.
3. Various types of girders, deck, abutments, piers.
4. The erection methods of girders, deck, abutments, piers.
5. Reinforcement details of beams, columns slabs, etc. i.e., how these elements are tied and its correct methodology.
6. Various types of foundation including raft foundation.

At 7:00 pm, all students and faculty members departed from the construction site and left for the BVM College. At 09:00 pm, all students and faculty members returned at BVM College and concluded the visit with an ability to apply obtained knowledge to execute normal sized building construction project.

This visit was coordinated by Prof. Amit Amin, Prof. Jaydeep Prajapati, and Prof. Mrunali Vasava, without whom the visit would not have been interesting and successful.

IE(I) Students' Chapter Civil is very thankful to Principal Dr. Indrajit Patel, Head of Civil Department Dr. Sanjay Dhiman, Prof. Amit Bhavsar and Prof. N. F. Umrigar for their constant support.

Program Outcomes:

1. To identify the training needs of the construction workforce and set standards to monitor their occupational competencies and technical skills deployed in the industry.
2. Select appropriate structural and functional components for building.
3. To disseminate knowledge and appropriate skill practices through recognized systems of training, testing and certification to validate competency levels.
4. Develop comprehensive understanding about construction process of building components.
5. To promote innovative and experimental activities through minds-on exposures and hands-on learning process.

Delineation:



Fig. (1) Students and Faculties at BVM Front Gate



Fig. (2) Students and Faculties at L&T-CSTI



Fig. (3) L&T Patented Scaffolding Work



Fig. (4) Visited Various Sites



Fig. (5) students visiting different construction Sites

Attendance Sheet



Birla Vishvakarma Mahavidyalaya

(An Autonomous Institute Managed by CVM)
Vallabh Vidhyanagar



Attendance Sheet: L&T CSTI and Multi- Storey Building Visit

Date: 2nd March, 2024

Venue: Ahmedabad

Sr. No.	ID number	Name	Signature	
			Before	After
1	20CE017	NIRALI PATEL	<i>Nirali Patel</i>	
2	20CE023	MEET PIPALIYA	<i>Meet Pipaliya</i>	
3	20CE033	TARANG POKAL	<i>Tarang Pokal</i>	
4	20CE110	DEVANG PATEL	<i>Devang Patel</i>	
5	20CE149	MEET LAKKAD	<i>Meet Lakkad</i>	
6	22CE005	MIHIR CHAUDHARI	<i>Mihir Chaudhari</i>	
7	22CE011	MEET BHOI	<i>M. R. Bhoi</i>	
8	22CE012	SHUBHAM SHARMA	<i>Shubham Sharma</i>	
9	22CE013	PRAYAG PATEL	<i>Prayag Patel</i>	
10	22CE019	ARJUN THAKOR	<i>A. V. Thakor</i>	
11	22CE035	HARDIK POKAR	<i>Hardik Pokar</i>	
12	22CE041	MANN BHANDARI	<i>Mann Bhandari</i>	
13	22CE048	ANKUR ACHARYA	<i>Ankur Acharya</i>	
14	22CE050	AMAAN SAIYED	<i>A. M. Saiyed</i>	
15	22CE063	AJAY VALA	<i>Ajay Vala</i>	
16	22CE065	VED BHATT	<i>Ved Bhatt</i>	
17	22CE069	DARSH KOLCHA	<i>Darsh Kolcha</i>	
18	22CE076	ANKIT PATEL	<i>Ankit Patel</i>	
19	22CE077	PRASHANT KUMAVAT	<i>Prashant Kumavat</i>	
20	22CE086	AMANKUMAR VASAVA	<i>Amankumar Vasava</i>	
21	22CE093	NEEL PATEL	<i>Neel Patel</i>	
22	23CE304	MIHIR JADAV	<i>Mihir Jadav</i>	
23	23CE305	KESHAV SHARMA	<i>Keshav Sharma</i>	
24	23CE306	KARTIK MOKANI	<i>Kartik Mokani</i>	
25	23CE307	VISHVARAJ SINH PARMAR	<i>V. M. P.</i>	
26	23CE309	VIVEK BHATT	<i>Vivek Bhatt</i>	
27	23CE310	SHIVANGI CHAUDHARI	<i>Shivangi Chaudhari</i>	
28	23CE311	VANSH SOLANKI	<i>Vanish</i>	

29	23CE313	SIHAB GODI	Godi
30	23CE314	CHIRAG PATEL	Chirag
31	23CE316	HEMANSH AHIR	he
32	23CE323	ANKIT KELA	Ankit
33	23CE324	DHAIRYA CHARIYA	D.
34	23CE325	SHUBHAM PRAJAPATI	shubham
35	23CE326	DIPEEKA PATELIA	Dipec
36	23CE331	HARSH GURAV	Harsh
37	23CE332	NEHA MISHRA	Neha
38	23CE333	YAGNIK PATEL	Y. Y. Patel
39	23CE334	HEMA MISHRA	Hema
40	23CE335	YASH CHAVDA	Yash
41	23CE336	JIYA PATEL	Jiya
42	23CE340	ANKIT UNDHAD	Ankit
43	23CE347	RUCHIK RAVAL	Ruchik
44	23CE348	RAJ CHAVDA	Raj
45	23CE351	SANJANA BARAIYA	Sanjana
46	23CE352	PARTH VALANI	Parth P.P.
47	23CE354	HASMATI MAHAMMAD ISMAIL	Hasmati
48	23CE362	VRUNDA JOSHI	V.D. JOSHI
49	23CE364	HARSH THAKAR	Harsh
50	23CE365	SNEH CHAUDHARI	Sneha
51	23CE366	YASH CHAUHAN	Yash
52	23CE369	RIYA LAD	R.P. Lad
53	23CE370	HET PATEL	Het P. Patel
54	23CE375	PARTH PRAJAPATI	Parth
55	23CE376	VENKATESH ANJAPPA	Ven
56	23CE380	DARSHANI DESAI	D.S. Desai
57	23CE381	PRIYANSHU PARMAR	Priyanshu
58	23CE384	YASH TANK	Yash
59	23CE387	JAYDEV KHACHAR	Jaydev
60	23CE325	SHUBHAM PRAJAPATI	Shubham
61	FACULTY	MRUNALI VASAVA	Mrunali
62	FACULTY	AMITKUMAR AMIN	Amit
63	FACULTY	JAYDEEPKUMAR PRAJAPATI	J.P.P.

