



**Institute Name: LJ POLYTECHNIC, AHMEDABAD**

- 1. Title of the Activity:** Construction Site Visit at ELYSIAN
- 2. Name of the Faculty/Coordinator:** Mr Chintan Panchal & Mr Chirag Suthar
- 3. Department / Program Name:** Civil Engineering Department
- 4. Date & Duration of the Activity:** Date(s): 08/08/2025      From: 08:45 AM To: 4:00 PM

**5. Objectives of the Activity:**

- To understand practical implementation
- To examine structural elements
- To learn construction techniques
- To identify design challenges

**6. Description of the Activity:**

A construction site visit was organized for semester 5 students studying reinforced concrete structure design at ELYSIAM, Gota. The visit was conducted in two stages. During the first stage, students surveyed the various types of reinforcement bars available at the site and learned about the bar bending process according to the bar bending schedule. In the second stage, the students were divided into groups of five to examine the arrangement of reinforcement bars in columns and shear walls, as well as the associated formwork. Each group thoroughly checked the detailing of the reinforcement against the structural plans. They inspected different columns based on their respective structural plans and prepared a report on their findings.

**7. External Participation:**

- a) **Invited Speaker/Dignitary/Resource Person:**

**Name:** \_\_\_\_\_

**Designation:** \_\_\_\_\_

**Affiliation:** \_\_\_\_\_

- b) **Number of External Participants:** \_\_\_\_\_

**8. Internal Participation:**

- a) **Number of Faculties involved:** 2

- b) Number of Non-Teaching Employees involved: 0
- c) Number of Students involved: 62
- d) Mode of Participation: Offline

## 9. Learning Outcome Achieved:

Students gained hands-on insight into the application of reinforced concrete design principles, observing real-world processes like reinforcement placement, bar bending, and formwork setup, which reinforced theoretical concepts. By surveying different types, sizes, and grades of reinforcement bars, students developed a clear understanding of their properties and practical applications in structural design. Observing and analyzing the bar bending process in accordance with the bar bending schedule (BBS) enabled students to connect classroom learning about bar spacing, anchorage, and lap lengths to on-site execution.

## 10. Photographs / Screenshots:





# 11. Feedback from Students (if any):

## 12. Attendance Sheet:

L.J Polytechnic, Ahmedabad (CI.-5A)			
Construction Site Visit			
Attendance Record			
S#.	Enrol. #.	Student Name	Sign.
1	23012250510001	AFAQUR RAHMAN	A-L.
2	23012250510006	BHARVAD YASH PUNAMBHAI	Yash
3	23012250510008	CHAUDHARY HARESHKUMAR RAMESHKUMAR	(H) -
4	23012250510010	CHAUHAN RAJVARDHANSINGH LAXMANSINGH	RRP
5	23012250510011	CHAVDA SAHIL GANPATBHAI	Sahil
6	23012250510012	CHIRAYU ASHOK CHAUDHARY	Chiray
7	23012250510014	DAVE MANUSH BHARGAVBHAI	Manush
8	23012250510016	DESAI VISHVASH DHARMENDRA	Vishvas
9	23012250510018	FARZAN VIMADALAL	Farzan
10	23012250510019	GADHIYA DEEP SURESHBHAI	Deep
11	23012250510020	GAUTAM SUNIL NANKURAM	Sunil
12	23012250510022	GOSWAMI YAJAT SANJAYGIRI	AB
13	23012250510023	HARSHIL PINTUBHAI PATEL	AB
14	23012250510024	JADAV DHAIRYA HARSHADKUMAR	JD
15	23012250510025	JAGJIT SINGH	AB
16	23012250510026	JAINAM KARTIKBHAI SHAH	AB
17	23012250510028	KAPISH S PATEL	AB
18	23012250510030	KAVAR DHRUV MAHESHKUMAR	Dhruv
19	23012250510033	KO. PATEL AJAYBHAI NANJIBHAI	AB
20	23012250510035	KOTHARI SAIYAM MILAPBHAI	Saiyam
21	23012250510036	LALAVAT SANKET SHYAM	Sanket
22	23012250510037	LUHAR RUDRA CHHAGANBHAI	Rudra
23	23012250510038	MAKWANA PARTH RAVIKUMAR	PARTH
24	23012250510042	MALI BOBI RAMNIVAS	Bob
25	23012250510043	MEHTA NIRMIT MILIND	Nirmit
26	23012250510044	MEMON TAHA MOHAMMADIBRAHIM	Taha
27	23012250510045	METALIYA AAYUSH GOPALBHAI	Ayush
28	23012250510047	MIRZA MUBIN AJAZBAIG	Mirza
29	23012250510051	ODD ADITYA BIPINBHAI	Aditya
30	23012250510052	PACHCHIGAR HARSHWARDHAN WALMIKI	Harsh
31	23012250510053	PANCHAL PANTH SHAILESHBHAI	Panth
32	23012250510054	PANCHOLI OM PRADIPKUMAR	Om
33	23012250510055	PARMAR AKSHAT DILIPBHAI	Akshat
34	23012250510057	PARMAR RUDRA ELESBHAI	Rudra
35	23012250510058	PARMAR TIRTH VITESHCHANDRA	Tirth
36	23012250510060	PATEL MO. UVESH HANIFBHAI	UV
37	23012250510061	PATEL NEEL SANDIPKUMAR	Neel
38	23012250510062	PATEL PRANSHAV CHIRAGKUMAR	Pranshav
39	23012250510063	PATEL PRATHAM PRAVIN	Pratham
40	23012250510064	PATEL SHIVAM RAMESHBHAI	Shivam
Name of Faculty			Chintan
Signature of Faculty			Chintan

# LJ Polytechnic, Ahmedabad (CL-5B)

## Construction Site Visit

### Attendance Record

Date: 08/08/25

S#.	Enrol. #.	Student Name	Sign.
1	22012250510017	SOLANKI JAIMIN PAESHKUMAR	AB
2	22012250510023	THAKOR KARTIK DASURATHIBHAI	AB
3	22012250510033	LALL MANDEEPSINGH	mandeep
4	22012250510038	RIYAWALA MOHD. SHAHIM MOHD. ASIF	Shahim
5	22012250510066	PANDYA SAGARKUMAR JAYESHBHAI	Sagar
6	23012250510067	PATHAN NAJEERKHAN MAIYUDDINKHAN	P.N.C
7	23012250510068	PRAJAPATI HIMANSHU VISHAL	Himanshu
8	23012250510069	PRINCE UMAKANT PATEL	Prince
9	23012250510070	RAMI AKSHAT JAIMIN	A
10	23012250510071	RAVAL DHAIRYA SANDIPKUMAR	Dhaival
11	23012250510073	SAMA ABRARBHAI NIZAMBHAI	Abhis
12	23012250510074	SAMA HASNAIN HABIBBHAI	Hasnain
13	23012250510075	SAMA NAFISH RAMZANBHAI	Nafish
14	23012250510076	SAUMYA OZA	AB
15	23012250510077	SETALVAD PRIT ARPANKUMAR	Prit
16	23012250510078	SHAH JAHAN DISHIL	Jahan
17	23012250510079	SHAIKH MOHAMMAD GYASUDDIN SHAKIL	Ghulibh
18	23012250510080	SHLOK SHAH	Shlok
19	23012250510081	SISODIYA MOHAMMADZAI MO. MOJIM	Mojim
20	23012250510082	SOHAM HARSH SHAH	Soham
21	23012250510087	THAKOR DHAVAL BALDEVBHAI	Dhaival
22	23012250510088	THAKOR KULDEEPSINH DILIPSINHJI	Kuldeep
23	23012250510089	THAKOR ROHITBHAI ARVINDBHAI	Rohit
24	23012250510090	TRAPASIYA HETARTH ROHITBHAI	Hetarth
25	23012250510091	TRIVEDI AYUSH MEHULKUMAR	Ayush
26	23012250510092	UPADHYAYA PARV BALBHADRA	Parv
27	23012250510093	VADHIYA PURVAM HETALBHAI	Purvam
28	23012250510094	VANSHRAJ VAGHELA	Vanshraj
29	23012250510096	VATSAL RAKESHBHAI PATEL	Vatsal
30	23012250510097	VEGDA DARSHIL MAUBHAI	Darshil
31	23012250570901	DABHI MAN RAJESHBHAI	Man
		Name of Faculty	Chintan
		Signature of Faculty	Chintan

### 13. Activity Brochure/Notice:

### 14. Outcome Summary:

These outcomes strengthened students' technical knowledge, practical skills, and professional readiness, making the site visit a valuable component of their learning experience in Design of Reinforced Concrete Structures.