

Construction Site Visit Report

1. Title of the Visit:

One-Day Construction Site Visit to Gokuldharm Residency, Near Sirol, Gwalior (M.P.)

2. Date of Visit: 3rd February 2026

3. Organized by: Following Faculty Coordinators

- (1) Dr. Rakesh Gupta
Associate Professor
Department of Civil Engineering
- (2) Mr. Shashank Gupta
Assistant Professor
Department of Civil Engineering

(For B. Tech Civil Engineering Students)



4. Objective of the Visit: The primary objective of the industry visit was to:

- To understand the practical execution of shuttering, plastering, and flooring works at a real construction site.
- To observe the functions and behavior of different structural members in actual buildings.
- To connect theoretical classroom knowledge with on-site construction practices.
- To gain exposure to site management, safety measures, and construction sequencing.

5. Participants:

- B.Tech Civil Engineering Students

- Faculty Coordinators from the Department of Civil Engineering

6. Resource Persons / Industry Experts: The visit was coordinated and guided by the following officials:

- **Mr. Rajat Gangil**, Project Engineer, Gokuldharm Residency
- **Mr. Rajendra Gangil**, Owner, Gokuldharm Residency

7. Brief Profile of the Residency Gokuldharm Residency (also known as Pragati Gokuldharm Residency) is a residential project located in the Dongarpur area of Gwalior, Madhya Pradesh. Developed by **Pragati Associates**, it is a RERA-registered housing society offering a mix of residential plots, villas, and independent houses. The project is strategically positioned on the **Agra-Jhansi Bypass (NH-3)**, providing seamless connectivity to major city landmarks.

8. Description of Activities: The visit began with a formal welcome and safety briefing by **Mr. Rajat Gangil** after which students were immediately taken to the different construction sites. The Activities that students learn are as follows

Function of Plinth: The plinth raises the building above ground level and protects it from surface water and moisture.



DPC: Students learned how DPC prevent dampness from entering the structure and how it is provided even at superstructure level of 3 Feet and 7 Feet.



Masonry Walls and Their Bonds: Students observed different brick bonds like English bond and Stretcher bond used to increase wall strength. They learned how proper bonding improves load distribution and prevents cracks.



Shuttering (Formwork): Students learned how formwork is erected for beams and columns using wooden/steel plates and supports. They understood its role in maintaining shape, size, and alignment during concreting.



Concrete Work: Students observed mixing, placing, vibrating, and curing of concrete on site. They learned how proper compaction and curing improve strength and durability.



Plastering: Students learned the purpose of plaster in providing a smooth, protective surface to walls. They observed the correct thickness, curing, and finishing techniques used by masons.



Flooring: Students saw how base preparation, leveling, and tile laying are done step by step. They learned the importance of slope, alignment, and joint finishing in flooring work.



Structural Members (Beams, Columns, Slabs): Students learned how each member carries load and transfers it safely to the foundation. They observed reinforcement placement and cover for durability.



Site Management & Safety: Students learned about planning work stages and coordinating labor and materials. They also observed the importance of helmets, safety shoes, and safe working practices.



9. Learning Outcomes: After the visit, students were able to:

- Students gained practical understanding of construction processes such as shuttering, masonry, plastering, and flooring.
- Students developed the ability to identify and explain the functions of different structural members in a real building.
- Students improved their skills in observing site practices, safety measures, and quality control procedures.
- Students learned to connect theoretical concepts with real-world engineering applications.

Gokuldham Residency Site Visit			
Department of Civil Engg.			
Batch 2025			
3-Feb-26			
S.No.	Roll No.	Name	Signature
1	BETN1CE25001	Sachin Singh	
2	BETN1CE25003	Sachin Mawai	
3	BETN1CE25004	Vivek Singh	
4	BETN1CE25005	Jatin Singh Rajput	
5	BETN1CE25006	Amit Dhakar	
6	BETN1CE25007	Prince Yadav	
7	BETN1CE25008	Ankit Dhakar	
8	BETN1CE25009	Prince Agrawal	
9	BETN1CE25010	Anshu Bais	
10	BETN1CE25012	Prem Sharma	
11	BETN1CE25013	Priyanshu Sharma	
12	BETN1CE25014	Kaveri Roshik	
13	BETN1CE25015	Dyavanapally Prajwal	
14	BETN1CE25016	Kripansh Sharma	
15	BETN1CE25017	Vishal Raj	
16	BETN1CE25018	Devpratap Singh sikarwar	

Gokuldham Residency Site Visit			
Department of Civil Engg.			
Batch 2023			
3-Feb-26			
S.No.	Roll No.	Name	Signature
1	BETN1CE23001	Khushi	
2	BETN1CE23002	Akash Rathaur	
3	BETN1CE23004	Aboubakary Moukhoum Abdoul Marouf	
4	BETN1CE23005	Tinkal Dhakad	
5	BETN1CE23006	Vikash Singh Tomar	
6	BETN1CE23007	Aishwary Raj Shrivastava	
7	BETN1CE23009	Satender Singh Mawai	
8	BETN1CE23010	Om Rawat	
9	BETN1CE23089	Akash Rathore	
10	BETN3CE24001	Ashutosh Panchal	

Gokuldham Residency Site Visit			
Department of Civil Engg.			
Batch 2024			
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S.No.	Roll No.	Name	Signature
1	BETN1CE24002	Deepanshu Rajput	
2	BETN1CE24003	Mayank Lidhoriya	
3	BETN1CE24004	Nitin Tyagi	
4	BETN1CE24005	Pradeep Singh Rawat	
5	BETN1CE24006	Ripusudan	
6	BETN1CE24007	Sawdogo Oumar	
7	BETN1CE24008	Sourav Tyagi	
8	BETN1CE24009	Vikram	
9	BETN1CE24010	Kushagra Verma	
10	BETN1CE24011	Priyanshu Yadav	
11	BETN1CE24012	Vikrant Rajput	
12	BETN1CE24013	Kunal Kature	
13	BETN3CE25D01	Shubhankar Sharma	
14	BETN3CE25D02	Mukul Sharma	
15	BETN3CE25T01	Nichol Muccenba	

10. Conclusion: The construction site visit to Gokuldharm Residency was a very valuable learning experience for all civil engineering students. It helped us understand how theoretical concepts are applied in real construction work. We gained practical knowledge about structural members, masonry, shuttering, plastering, and flooring processes. Overall, the visit improved our technical understanding, professional attitude, and interest in the field of civil engineering.

11. Acknowledgement: The Department of Civil Engineering sincerely thanks the management and staff of **Gokuldharm Residency Gwalior**, especially **Mr. Rajat Gangil, & Mr. Rajendra Gangil**, for their valuable time, guidance, and support in making the visit successful.

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