

**S. B. PATIL COLLEGE OF ENGINEERING (Diploma), INDAPUR, DIST: PUNE**

ACA – R - 49	<b>Visit Report(CMA)</b>	Academic Year: 2025-26
Rev : 01		Semester: III

**Subject:** Construction Management  
**Course:** SY Diploma in Civil Engineering  
**College:** S.B. Patil College of Engineering (Diploma), Indapur  
**Site Location:** Bedshinge Village  
**Owner:** Mr. Sanjay Kadam  
**Date of Visit:** 27th September 2025  
**Guided by:** Prof. Gaikwad A.S.

### ➤ **Purpose of Visit**

The visit was organized to observe and learn about the ongoing construction activities at Bedshinge village site. The objective was to understand practical aspects of construction management such as planning, supervision, labor management, material handling, safety measures, and quality control.

### ➤ **Project Overview**

- **Type of Construction:** Residential bungalow (Ground + 1 floor)
- **Site Area:** Approximately 2500 sq.ft
- **Stage of Construction:** Column reinforcement, formwork, slab casting, and brickwork
- **Estimated Project Duration:** 10 to 12 months
- **Owner:** Mr. Sanjay Kadam

### ➤ **Site Activities Observed**

#### **a) Layout and Marking**

The site was marked using measuring tape and lime powder. This ensured correct positioning of columns and walls as per the drawings.

#### **b) Excavation and Foundation Work**

Excavation was completed, and Plain Cement Concrete (PCC) was laid as a base for footing.

#### **c) Reinforcement and Formwork**

Steel bars were cut, bent, and tied according to the design. Shuttering was prepared carefully to shape the columns and slabs.

#### **d) Concrete Mixing and Pouring**

Concrete was mixed mechanically, and vibrators were used to compact concrete, avoiding honeycombing.

### **e) Masonry Work**

Brickwork had started on the upper floor with proper bonding and mortar thickness.

### **f) Curing**

Fresh concrete surfaces were kept moist by water sprinkling to improve strength.

## **➤ Construction Management Practices Noted**

### **a) Planning and Scheduling**

Daily work schedules were followed to ensure timely completion.

### **b) Labor Management**

Both skilled and unskilled workers were assigned tasks efficiently under supervision.

### **c) Material Handling**

Materials like cement and steel were properly stored and protected from weather damage.

### **d) Safety Measures**

Workers wore helmets and shoes, and safety signs and first aid were present on site.

### **e) Quality Control**

Site engineers supervised the work, ensuring compliance with standards. Slump tests were performed for concrete quality.

## **➤ Key Learnings**

- Importance of accurate layout and measurements in construction
- Practical knowledge of RCC reinforcement and casting techniques
- Role of supervision in maintaining quality and safety
- Effective management of labor and materials reduces delays and wastage
- Safety protocols are essential to prevent accidents on site

## **➤ Conclusion**

The visit to the construction site at Bedshinge village was highly educational. It gave us real-world exposure to various construction stages and management practices. Understanding the on-site challenges and observing how engineers manage these tasks will greatly help in our practical learning and future career in civil engineering.





**Visit Coordinator**

Prof.Gaikwad A.S.

**HOD**

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