

**D. Y. Patil Technical Campus, Polytechnic,  
Talsande, Kolhapur.**

**Visit Report**

**On**

**Pattadakal, Bagalkot district, Karnataka**

**Date: 05/10/2025**

Our civil engineering department had arranged an Industrial Visit for FY CE class under the course of **Civil Engineering Workshop (311010)**. The venue was **Pattadakal, Bagalkot district, Karnataka**. Within visit students were came across the following points.

- 1) Heritage / Ancient Design of Structure
- 2) Material Used to Build these Structure
- 3) Life Span of Structure
- 4) History of Structure

For this visit total 38 students were present along with 2 faculty members of the department.

**HOD**

**Department of civil Engg**

## 1. Introduction

An educational tour to **Pattadakal**, a UNESCO World Heritage Site in Karnataka, was organized for First-Year Civil Engineering students to study ancient temple architecture, construction techniques, and structural planning. The visit helped students understand how early civil engineering principles were applied in historical monuments using traditional materials and methods.

## 2. About Pattadakal

Pattadakal is located in **Bagalkot district, Karnataka**, and is famous for its group of temples built during the **Chalukya dynasty (7th–8th century CE)**. Pattadakal represents a unique blend of **Dravidian (South Indian)** and **Nagara (North Indian)** architectural styles.

### Important Temples at Pattadakal:

- ❖ Virupaksha Temple
- ❖ Mallikarjuna Temple
- ❖ Sangameshwara Temple
- ❖ Kashivishwanatha Temple
- ❖ Jain Narayana Temple

## 3. Objectives of the Visit

The objectives of the educational tour were:

- ❖ To study **ancient temple planning and layout**
- ❖ To observe **stone masonry techniques**
- ❖ To create awareness about **heritage conservation**

## 4. Observations during the Visit

- ❖ Temples were constructed using **finely dressed sandstone blocks**.
- ❖ The structures show excellent **symmetry and geometry** in plan and elevation.
- ❖ Stone pillars, beams, and roofs demonstrate effective **load distribution**.
- ❖ Sculptures and carvings are integrated with structural elements.
- ❖ Despite their age, the monuments remain stable, showing high construction quality

## 5. Conclusion

The educational tour to Pattadakal was highly informative and educational. It provided practical exposure to ancient engineering excellence and helped students appreciate traditional construction techniques. The visit successfully connected theoretical learning with real-world applications.



Pattadakal, Karnataka, India 🇮🇳

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