



**KONERU LAKSHMAIAH  
EDUCATION FOUNDATION**  
(Deemed to be University, Estd. u/s. 3 of UGC Act 1956)

## **SCHOOL OF ARCHITECTURE**

### **Site study Visit**

**Venue:** Kokapet Area, Hyderabad.

**Date:** 16th August 2023

**Faculty Coordinators:** Ar. Priya Johnson, Ar. Kamal Kethani T & Ar. Senthilkumar P

#### **High-Rise Mixed-Use Development Site Study & Site Analysis - Kokapet Area, Hyderabad**

As part of Architectural design studio VII (20AR4150) Course students are visited Kokapet area in Hyderabad for High-Rise Mixed-Use Development Site Study & Site Analysis on 16<sup>th</sup> August 202. They are gathering critical information and insights that inform the design process. The primary objectives of a site study in architecture include:

**Understanding Site Context:** To comprehend the site's physical, cultural, and historical context, including its location within the city or region, neighbouring structures, and any significant landmarks or features.

**Site Analysis:** To assess the site's topography, geology, soil conditions, climate, and microclimate. This analysis helps in determining the site's suitability for construction and influences design decisions.

**Environmental Considerations:** To evaluate environmental factors such as sun orientation, prevailing winds, rainfall patterns, and natural ventilation, all of which impact building design and sustainability.

**Legal and Regulatory Compliance:** To identify and adhere to local zoning regulations, building codes, land-use restrictions, and any legal constraints that might affect the design and construction process.

**User Needs and Requirements:** To understand the needs and preferences of the future occupants or users of the building or space, which informs the functional and spatial design aspects.

**Site Accessibility:** To assess transportation and accessibility options for the site, including roadways, public transportation, pedestrian access, and parking facilities.

**Utilities and Infrastructure:** To determine the availability and capacity of essential utilities like water supply, electricity, sewage systems, and telecommunications, as these influence building systems and design.

**Cultural and Historical Significance:** To investigate any cultural or historical significance of the site, which can guide design decisions and preservation efforts.

**Site Challenges:** To identify potential challenges or constraints, such as environmental hazards, existing structures, or site-specific issues that may impact the project's feasibility.

**Opportunities for Innovation:** To seek out unique features or opportunities on the site that can inspire innovative design solutions and sustainable practices.

**Site Aesthetics:** To evaluate the aesthetic qualities of the site, including views, natural beauty, and opportunities for creating aesthetically pleasing spaces.

**Sustainability and Resource Efficiency:** To explore opportunities for sustainable design, energy efficiency, and resource conservation, aligning with environmental goals and regulations.

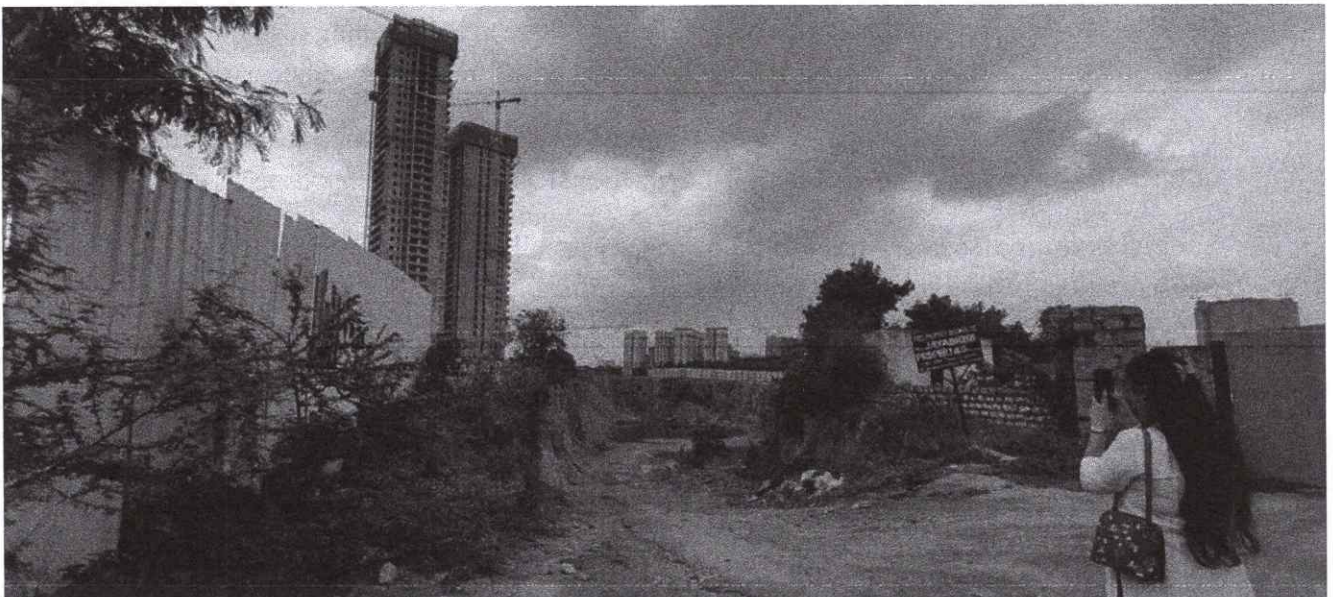
**Budget and Cost Considerations:** To gather data that helps in estimating construction costs and assessing the financial feasibility of the project.

**Stakeholder Engagement:** To involve relevant stakeholders, including *clients, local communities, and* authorities, to gather input and ensure that the project aligns with their interests and concerns.

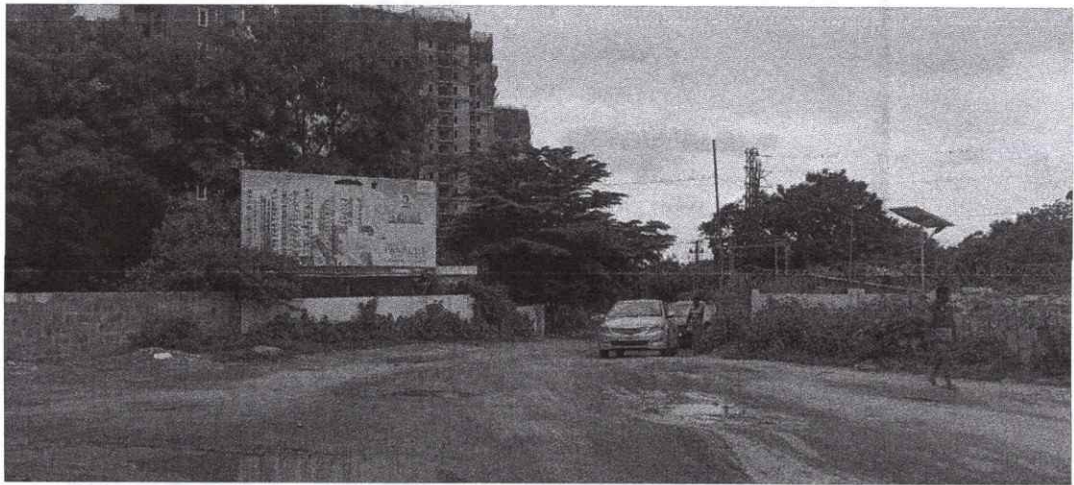
**Risk Assessment:** To identify potential risks associated with the site, including geological instability, flooding, or other natural disasters, and develop mitigation strategies.

By establishing clear objectives for a site study, architects can gather the necessary information and insights to create designs that are not only functional and aesthetically pleasing but also responsive to the site's unique characteristics and constraints.

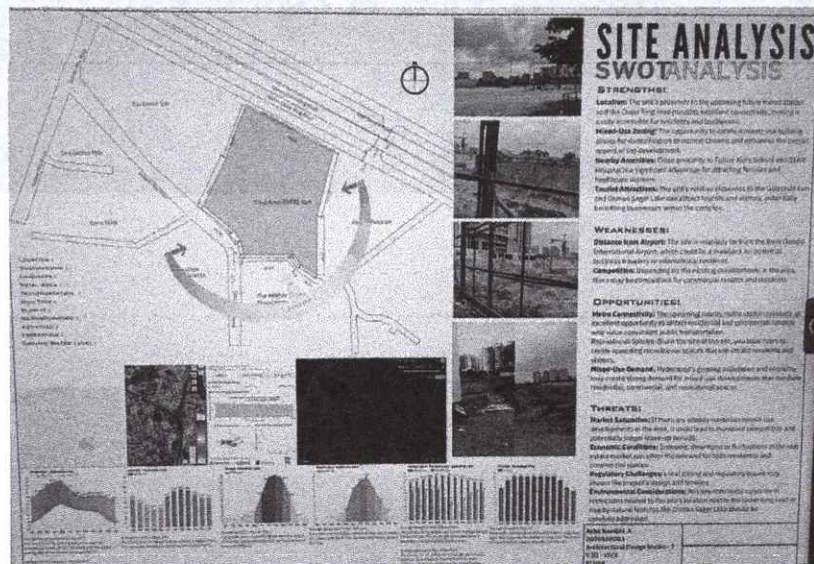
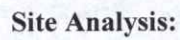
#### **Site Study Photographs:**



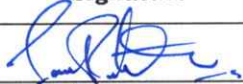

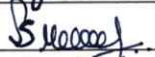
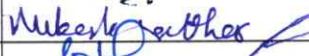

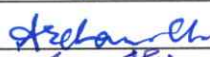



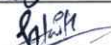
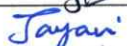




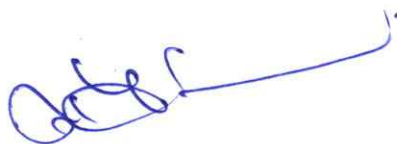






**List of Students Visited for Site Study:**

Sl.No.	ID NO.	NAME OF THE STUDENTS	Signature
1	2000510002	P. Padma Naga Samaleswari	
2	2000510005	Atmakuri N L A S Sriya	
3	2000510006	S. Meghana	
4	2000510008	Suthar Mukesh	
5	2000510009	D. Naga Venkata Sruthi	
6	2000510012	Ch. Archana	
7	2000510013	T. Karthik	
8	2000510014	B. Gayathri	
9	2000510015	M. Sukanya	
10	2000510017	S. Hasitha	
11	2000510019	M. Jayani	
12	2000510021	B. Sai Sree Manaswini	
13	2000510022	Shaik Balaji	



**Ar. A. Priya,  
HOD-ARCH, KLEF.**

\*\*\*\*\*END OF REPORT\*\*\*\*\*