

D. Y. Patil College of Engineering and Technology, KasabaBawada, Kolhapur

School of Architecture

Activity Report

SITE VISIT

Name of activity	Visit to Residence of Sandeep Ankle, Hanuman Nagar, Kolhapur
Course	Basics of Structural Engineering -
Year	First Year
Academic Year	2024-2025
Date	17/10/24
Category	Curricular
Name of resource person/s	Ar. Sandeep Ankle
Designation of resource person/s	Architect, Owner
Faculty coordinator/s	Prof. Gouri Ajay mhetar
No. of beneficiaries	88
Class & Division	F.Y. div. A&B
CO mapped	108.1, 108.2
PO mapped	PO1, PO3, PO6, PO7, PO9, PO10
PO gap identified as per previous year	N.A.
PSO mapped	PSO 2

Brief description of the activity

A visit to manufacturing Residence of Sandeep Ankle, Hanuman Nagar, Kolhapur was shown to the students. The structure was combination of load bearing and framed structure that we can say it as composite structure , the owner both husband and wife are the nature friendly personality so they have used may of the natural materials as it is like stones were used as lintels which were exposed , exposed brick masonry were there and most interesting and challenging part was to use may of the re used material from the demolition of other structures such as wooden windows , clay bricks , stones from old edged of well ,stone column. Discussions were made regarding the conceptual development of the residence, difficulties during construction, maintenance after construction and about most relaxing and liking points about the residence and on other hand were there any drawbacks for choosing this type of structure. Students observed and measured different components of the structure also learned mechanism of composite structure.

Outcome of the activity

Students learnt a framed, load bearing and composite structural system and also observed and measured different components like plinth, lintel, doors, windows ,steps, seal chajja, beams, columns etc.

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Photographs



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