D Y PATIL
COLLEGE of
ENGINEERING & TECHNOLOGY
(AN AUTONOMOUS INSTITUTE)
KASABA BAWADA, KOLHAPUR

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

School of Architecture

Activity Report

Value Added course-Sketchup

Name of activity	**Value Added course-Sketchup**
Course	Computer technogy
Year	F.Y. B. Arch.
Academic Year	2024-2025
Date	19/05/2025 to 19/06/2025
Category	Extra -Curricular
Name of resource person/s	Sachin Patange (CADD CENTRE)
Faculty coordinator/s	Div. A - Prof. Chaitali Shah. Div. B - Prof. Chaitali Shah.
No. of beneficiaries	Total 27
Class & Division	F. Y. B. Arch. Div. A & B
CO mapped	Life long learning
PO mapped	12
PO gap identified as per previous year	
PSO mapped	

Brief description of the activity

A value-added course on SketchUp, a powerful 3D modeling software, was organized to enhance students' design visualization skills. The course introduced students to the fundamentals of 3D modeling, layout creation, and rendering. Key topics included interface navigation, component creation, architectural modeling, and use of extensions like V-Ray or Lumion (if applicable).

Students worked on live projects to model interior and exterior structures, practicing techniques used in professional architectural and interior design workflows.

The sessions were hands-on and project-based, encouraging interactive learning through design assignments, individual feedback, and real-world applications.

Outcome of the activity

- **Students gained practical experience in 3D modeling using SketchUp.**
- **Participants were able to create detailed architectural and interior models.**
- **Students enhanced their ability to communicate design ideas through digital visualization.**
- **Improved employability and industry readiness in design-centric roles.**
- **Participants received certificates of completion and added a key skill to their portfolios.**

Objectives of the Course:

- To introduce students to the interface and functionalities of SketchUp.
- To develop proficiency in creating 2D and 3D architectural models.
- To enable students to visualize and present design ideas effectively.
- To prepare students for industry-oriented design documentation and rendering.

Photographs