Sandip Institute of Technology and Research Centre
At & Po – Mahirawani, Trimbak Road, Tal & Dist .– Nashik
Phone: (02594) 222552,53,54, Fax: (02594) 222555
website : www.sandipfoundation.org, e-mail : principal@sitrc.org
Accredited with "A" grade by NAAC With CGPA Score of 3.11

1. Event Title: Report on "VAP on Solid Modeling Using CATIA"

2. Event Date: 16th Sept. 2023 onwards

3. Event Conduction Duration: 30 hours

4. Event Venue: Automation and Robotics Department, CAD lab, SITRC

5. Course coordinator: Prof. P. S. Garudkar

6. Name of trainers: Prof. P. S. Garudkar & Prof. V A Shaikh

7. Course Objectives & Outcomes:

Course Objectives:
1. To understand basic structure of CAD systems and their use to create geometric models of simple engineering parts.
2. To introduce the curves and surfaces and their implement in geometric modeling.
3. To apply basic concepts of 3D modeling, viewing and evaluate mass properties of components and assemblies.
Course Outcomes:
On completion of the course, learner will be able to–
CO1: Understand basic concepts of CAD system, need and scope in Product Lifecycle Management
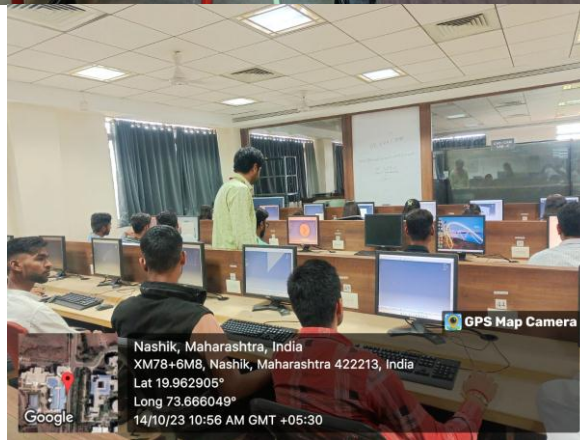**CO2**: Utilize knowledge of curves and surfacing features and methods to create complex solid geometry
CO3: Construct solid models, assemblies using various modeling techniques & Perform mass property analysis, including creating and using a coordinate system
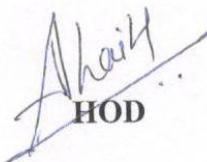**CO4:** Understand different CAD programming languages.

8. Description of course: Automation & Robotics Department organized value added program on "Solid Modeling Using CATIA" for SE Automation and Robotics Students from 16th Sept. 2023 onwards. It took total 30 hours for completion which was short duration but fruitful. This VAP was conducted for purpose of student's skill enhancement and also to make them industry ready. Though this training will not fulfill all needs but has started a way towards doing the best and achieving the best. Prof. P S Garudkar & Prof. V A Shaikh have served as trainer for this VAP.

9. Event photos:

Event Coordinator   HOD   Principal