

LOK JAGRUTI UNIVERSITY (LJU)
INSTITUTE OF ENGINEERING AND TECHNOLOGY
Department of Mechanical Engineering

A Report

On

“FDP - INTRODUCTION TO SOLIDWORKS”

For the Faculty of Mechanical Engineering Department.

- **Objective:** “To introduce faculty members to SolidWorks, a leading CAD software.”

Department Name	:	Mechanical Engineering Department
Expert Name	:	Mr. Sagar Thesiya
Date	:	01-07-2020 to 07-07-2020
Venue	:	307-C
No of Participants	:	30

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Content Covered:

- Overview of SolidWorks and its relevance in CAD.
- Basic concepts including parametric modeling.
- Part modeling techniques such as sketching and extruding.
- Assembly modeling covering mates and constraints.
- Drawing creation with emphasis on views and annotations.
- Introduction to simulation and analysis features.

Outcome of the FDP

- Improved understanding of SolidWorks fundamentals.
- Enhanced ability to teach SolidWorks to students.
- Potential for integrating SolidWorks into curriculum for practical applications.

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