Lukhdhirji Engineering College, Morbi

Mechanical Enggineering Department

Sem.: 7th   **Sub.: Rapid Prototyping**   **Sub. Code: 3171926**   **Yr: 2023-24**

Assignment 2: CAD Modelling and Data Processing for RP

1. Write the various data interfacing formats and discusss the STL format.   **CO2**

2. Discuss the ASCII and Binary algorithom of the STL file format with suitable example.   **CO2**

3. List out the Errors in STL file format and explain in details.   **CO2**

4. Discuss the STL File Repair -Methods.   **CO2**

5. Define the IGES file format and list out its advantages and disadvantages.   **CO2**

6. Define the RPI file format and list out its advantages and disadvantages.   **CO2**

Vision of the Department:
To deliver quality engineering education for Mechanical Engineers with Professional competency, Human values and Acceptability in the society.
Mission of the Department:
- To nurture engineers with basic and advance mechanical engineering concepts
- To impart Techno-Managerial skill in students to meet global engineering challenges
- To create ethical engineers who can contribute for sustainable development of society