

**Lukhdhirji Engineering College, Morbi**

**Mechanical Engineering Department**

**Sem.: 5<sup>th</sup>**

**Subject: Mfg. Technology**

**Subject Code: 3151912**

**Assignment 6: Advance Super finishing Technology (CO5)**

1. Enlist various super finishing processes. How size of abrasive grain chosen?
2. Give difference between lapping and honing process.
3. How buffing process is carried out? Describe with neat sketch.
4. Write a short note on barrel tumbling.
5. Explain powder coating process with neat sketch.
6. Discuss mechanisms of polishing with neat sketch. Also state its application.

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**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