

DEPARTMENT: MECHANICAL SEMESTER: 4

SUBJECT NAME: FUNDAMENTAL OF MACHINE DESIGN

SUBJECT CODE: 3141907

FACULTY NAME: PROF. JIGNESH PATEL

ASSIGNMENT 1

- 1. Give definition about stress and strain. Explain different types of stress and strain.
- 2. Explain stress-strain diagram.
- 3. What is center of gravity? Give name of different method to find center of gravity.
- 4. What is moment of inertia? Explain perpendicular and parallel axis theorem for moment of inertia.

