Subject Name: Structural Mechanics

Subject Code:66441

Conducted by:Bikash Debnath

Chapter-1

- 1. Mentioning the neccesity to know about the mechanical properties of materials.

- 2. Defining some mechanic's terms.

- Explaining Stress-Strain diagram.
- Modulus of elasticity
- Modulus of rigidity

- Thermal Stress
- Poisons Ratio
- Compute stress develop in composite bar under tension and compression.