

## **List of Experiments**

- 1. Calculation of moments of a force using weight balancing Technique**
- 2. Determination of angle of deflection of T-bar due to eccentric loading**
- 3. Calculation of centroid of the plane lamina**
- 4. Determination of axial forces in members of a loaded truss**
- 5. Analysis of trapezoidal trusses for different loads**
- 6. Understanding vectors and vector quantities**
- 7. Calculation of moment of a force using weight balancing technique and system of pulleys**
- 8. Verification of lamie's theorem**