

**List of Experiments:**

1. Volumetric Analysis: Estimation of Hardness of water by EDTA Complexometry method.
2. Determination of rate of corrosion of mild steel in the presence and absence of inhibitor.
3. Estimation of the concentration of strong acid by Conductometry.
4. Estimation of the concentration of strong and weak acid in an acid mixture by Conductometry.
5. Estimation of concentration of strong acid with strong base by Potentiometry using quinhydrone
6. Preparation of Thiokol rubber.
7. Estimation of acid value of given lubricant oil.
8. Estimation of viscosity of lubricant oil using Ostwald's Viscometer.
9. Construction of Fuel cell and it's working. (Virtual lab)
10. Smart materials for Biomedical applications (Virtual lab)