**CHL1501 Chemistry Lab** **L-T-P- 0-0-3, Cr: 01**

* + - 1. Estimation of Cu (II) in given solution
      2. Estimation of Fe(II) in given solution
      3. Determination of hardness of water by EDTA method
      4. Determination of NaOH and Na2C03 in a mixture of their solution
      5. Preparation of Aspirin
      6. Preparation of Nitro benzaldehyde
      7. Determination of number of components in an organic mixture and Rf of each component using Thin Layer Chromatographic Technique
      8. Synthesis and Characterisation of Tris (acetylacetonato) manganese(III).
      9. Determination of rate constant of decomposition of hydrogen peroxide.
      10. pH-metric titration of a weak acid with strong base and determination of pKa of the weak acid.