

## Chemistry lab - I

Course Code: BEB151

Contact Hours: 30

Course Outline

Credit: 01 (L-0, T-0, P-2)

MM: 50

### LIST OF EXPERIMENTS

- (i) Estimation of carbonate and hydroxide present together in mixture.
- (ii) Estimation of carbonate and bicarbonate present together in a mixture.
- (iii) Estimation of Fe(II) and oxalic acid using standardized  $\text{KMnO}_4$  solution.
- (iv) Estimation of Fe (II) with  $\text{K}_2\text{Cr}_2\text{O}_7$  using potassium ferricyanide as external indicator.
- (v) Determination of boiling point of liquid compounds. (boiling point lower than and more than  $100^\circ\text{C}$  by distillation and capillary method)

**Note: Experiments may be added/deleted subject to availability of time and facilities**



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