

**KARPAGA VINAYAGA COLLEGE OF ENGINEERING AND
TECHNOLOGY**

Madhuranthagam Taluk – 603 308

Department : SCIENCE AND HUMANITIES

Semester / Year : NON-SEM / I

Subject code : PC1X01

Name of lab : CHEMISTRY

LAB

List of Experiments

- 1. Preparation of standard solutions.**
- 2. Estimation of hardness by EDTA method.**
- 3. Determination of alkalinity of water sample.**
- 4. Determination of DO content by Winkler's method.**
- 5. Estimation of Iron content in water – Spectrometric method.**
- 6. Determination of sodium and potassium ions in water sample by flame photometric method.**
- 7. Determination of molecular weight of a polymer by viscometry method.**
- 8. Estimation of copper in brass.**
- 9. Determination of percentage of calcium in limestone by EDTA method.**
- 10 . Determination of strength of Hydrochloric acid by P^H metric method.**
- 11. Determination of conductometric titration between strong acid and strong base.**
- 12. Estimation of conductometric titration of mixture of acids.**
- 13. Estimation of conductometric precipitation titration using barium chloride and sodium sulphate.**
- 14. Determination of strength of iron by potentiometric method using**

dichromate.

15.Determination of chloride content of water sample by argentometric method.