





**Department of Civil Engineering**  
**WATER QUALITY LABORATORY**

**LIST OF EXPERIMENTS**

1. Determination of pH value of a given sample of water.
2. Determination of turbidity of a given sample of water.
3. Determination of total, suspended and dissolved solids of a given sample of water.
4. Determination of alkalinity of a given sample of water.
5. Determination of sulphates, chlorides, iodide, fluoride in a given sample of water
6. Determination of acidity of a given sample of water.
7. Determination of total hardness of a given sample of water (soda reagent method).
8. Determination of colour/odour of a given sample of water.
9. Determination of dissolved oxygen of a given sample of water.
10. Determination of percentage of sodium and potassium present in a given sample of water.
11. Determination of percentage of ammonia and nitrogen present in a given sample of water.

ELECTRONIC BALANCE  
FUNDED BY  
TEQIP- III

TDS METER  
FUNDED BY  
TEQIP- III

WATER TESTING KIT  
FUNDED BY  
TEQIP- III

