

9. Environmental Engineering Laboratory



Major Equipments:

- Digital pH meter with pH Electrode.
- Digital DO meter with DO Electrode.
- BOD Incubator.
- COD Apparatus.
- Microbiological Incubator.
- Titration Apparatus (Burette with stand).
- Hot air oven.

Experiment List:

- Determination of pH for a given sample of water.
- Determination of amount of Dissolved Oxygen (DO) in a given sample of water.
- Determination of the Biochemical Oxygen Demand (BOD) for a given sample of waste water.
- Determination of the Chemical Oxygen Demand (COD) for a given sample of waste water.
- Determination of concentration of Chlorides in a given sample of water.
- Determination of hardness for a given sample of water.
- Determination of the Residual Chlorine in a given sample of water.
- Determination of solids in a given sample of water: Total Solids, Suspended Solids and Dissolved Solids.