

# **Environmental Engineering Laboratory**

The environmental engineering laboratory offers students hands-on exposure to IS approved water and wastewater quality testing procedures. It introduces the application of basic chemistry and chemical calculations to measure physical, chemical, and bacteriological parameters of water and wastewater

## **EQUIPMENTS AVAILABLE**

- Jar test apparatus
- Hot air oven
- Muffle furnace
- Analytical balance
- Electronic weighing balance
- Imhoff cone

## **EXPERIMENTS CONDUCTED**

- Tests for assessment of water quality parameters such as
  - Hardness
  - Chloride
  - Iron
  - Dissolved oxygen
  - BOD & COD
  - Total solid content
  - Manganese
  - Sodium
  - Sulphate
  - Phosphate

