

ENVIRONMENTAL ENGINEERING LABORATORY

LABORATORY-ORIENTED TESTING

- Water Quality testing
- pH and liquid temperature by pH Meter.
- Electrical Conductivity and salinity by Conductivity Meter.
- Turbidity by Digital Turbidity Meter.
- Iron content determination by Iron testing kit.
- Fluoride content determination by Fluoride testing kit.
- Arsenic content determination by Arsenic testing kit.
- Hardness of water determination by colorimetric titration.
- Total solid, total dissolved solid, total suspended solids and volatile solids determination by filtration units, oven and muffle furnace.
- Chloride content determination by titration.
- DO and BOD of water determination by titration.
- COD of water determination by titration and COD digester.
- Optimum Alum Dose determination by Jar Apparatus.
- Determination of the concentration of chemical substance in water by Spectrophotometer.
- Detection and determination of Escherichia coli (E.Coli) bacteria in water by Most Probable Number (MPN) Test.

FIELD ORIENTED TESTING

- Monitoring of Noise level by Sound Level meter.
- Assessment and monitoring of Ambient Air Quality by fine dust sampler.

