**Environmental Studies**

**LIST OF EXPERIMENTS**

* Determination of pH, conductivity and turbidity in drinking water sample.
* Determination of pH and conductivity of soil/sludge sample.
* Determination of moisture content of soil sample.
* Determination of Total Dissolved Solids (TDS) of water sample.
* Determination of dissolved oxygen (DO) in the water sample.
* Determination of Biological oxygen demand (BOD) in the water sample.
* Determination of Chemical oxygen demand (COD) in the given water sample.
* Determination of Residual Chlorine in the water sample.
* Determination of ammonia in the water sample.
* Determination of Carbon Dioxide in the water sample.
* Determination of nitrate ions or sulphate ions in water using spectrophotometer.
* Determination of the molecular weight of Polystyrene sample using viscometer method.
* Base catalysed aldol condensation by green methodology.
* Acetylation of primary amines using eco-friendly method.
* To determine the concentration of particulate matter in the ambient air using High Volume Sampler.