

ENVIRONMENTAL ANALYSIS LABORATORY



Name of the laboratory	Specialized equipment name	Application of Equipment
Environmental Analysis lab	Turbidity meter	Turbidity measurements in water and wastewater
	Conductivity meter	Measurement of conductivity in surface and ground water, wastewater, etc.
	pH meter	Determine the pH of water and wastewater
	Flame photometer	Determination of Na & K
	TKN Unit	Measurement of TKN in wastewaters
	Portable Spectrometer	Analysis of absorbance of NO ₃ , PO ₄ , Fe, SO ₄ etc. at different wavelengths.
	Reverse Osmosis Unit	Removal of ions, molecules & pollutant from water.
	Digital Weigh Balance	Measure the quantity of various chemicals
	Distillation unit	Distilled water for preparation of lab reagents.
	Sample preservator	To preserve the samples
BOD incubator	To maintain favorable temperature for the microbial growth.	