

### Scope of Work.

The laboratory is fully equipped, with sophisticated instruments for carrying out analysis of parameters covering various fields like Water, Waste-water, Ambient air, Stack, Soil, Noise, etc.

Environmental Audit	Industries falling under Schedule -I category allotted by GPCB
Evaluation Report	Treatability Pollution Load Product category & Identification Adequacy/Efficacy Verification.

### Various aspects of environmental Monitoring

Water and Wastewater Analysis	Stack Emission Monitoring
<ul style="list-style-type: none"><li>✓ Industrial Effluent (IS 3025, APHA)</li><li>✓ Domestic Effluent (IS 3025, APHA)</li><li>✓ Potable water, (IS 10500:2012)</li><li>✓ Drinking water analysis (IS 10500:2012)</li><li>✓ Packing drinking water (IS 14543:2004)</li><li>✓ Industrial water/cooling water</li><li>✓ Ground water, Surface water</li><li>✓ Distilled/Demineralized water</li></ul>	<ul style="list-style-type: none"><li>✓ Particulate Matter (CPCB guidelines)</li><li>✓ Sulphur Dioxide (IS 11255)</li><li>✓ Oxides of Nitrogen (IS 11255)</li></ul>
	Noise Monitoring
	<ul style="list-style-type: none"><li>✓ As per CPCB Guidelines</li></ul>
	Fuel Analysis
	<ul style="list-style-type: none"><li>✓ Calorific Value (ASTM Standard)</li><li>✓ Moisture Content (IS 2362)</li><li>✓ Flash Point &amp; Fire Point (ASTM Standard)</li><li>✓ Volatile Matter (ASTM Standard)</li><li>✓ Ash Content (ASTM Standard)</li></ul>
Ambient Air Quality Monitoring	Research & Development
<ul style="list-style-type: none"><li>✓ PM2.5 &amp; PM10(CPCB guidelines)</li><li>✓ Oxides of Nitrogen (IS 5182)</li><li>✓ Oxides of Sulphur (IS 5182)</li><li>✓ Ammonia (IS 5182)</li></ul>	<ul style="list-style-type: none"><li>✓ Conversion of waste plastic / biomass to liquid fuel</li><li>✓ Bio-Diesel from industrial waste</li><li>✓ Recycling of waste water</li><li>✓ Biogas from kitchen waste</li><li>✓ Agro biomass utilization</li><li>✓ Hazardous waste recycling</li></ul>