



## ENVIRONMENTAL ENGINEERING LABORATORY

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### List of Equipment's:

Sl. No	Name	Function
1	Spectrophotometer VIS	- Concentration & Absorbency measurement
2	Analytical Balance	- To weigh Sample
3	Atomic Absorption Spectrophotometer	- Elemental analysis
4	BOD Incubetor	- Maintain optimal temperature, humidity and gaseous content of the atmosphere inside
5	COD Digestion Unit	- Digestion
6	Magnetic Stirrer	- Stirring or mixing a solution
7	COD meter	- Determination of Chemical Oxygen Demand
8	Compressor Unit	- Supplies the compressed air to the main unit
9	Distillation System with Programming	- Determine the amount of Total Nitrogen
10	Water Distillation Unit	- Purifier water by removing more than 99.9% of contaminants including chemicals, heavy metals, microorganisms and sediment
11	Dissolved Oxygen Meter	- Dissolved Oxygen (DO) measurement - Biological Oxygen Demand (BOD) measurement
12	Ozone Meter	- To measure the concentration of gas in the air
13	pH Meter	- pH measurement
14	Mini Sound Level Meter	- Sound level measurement
15	Digital Thermometer	- Temperature measurement
16	Turbidity Meter	- Measurement of Turbidity
17	Flame Photometer	- Determine the presence of Na, K, Ca, Li in ppm
18	Electric Oven	- Total carbon determination - Moisture content determination
19	Landfill Gas Analyzer	- Landfill gas analyzer
20	Mechanical Top Loading Balance	- To take weight
21	Lux Meter	- Light level measurement
22	Portable Multi Gas Detector with Built-in pump	- To detect combustible, flammable and toxic gases and oxygen depletion