



# S. N. Patel Institute of Technology & Research Centre, Umrakh

(A Vidyabharti Trust Institution)

## Civil Engineering Department

**Subject Name:** Environmental Engineering

**Subject Code:** 3160611

Sr.No.	Experiment
1	pH, Turbidity, TDS and Conductivity meter
2	Evaporating Dishes, Oven, Muffle Furnace, Desiccators
3	Burette, Pipette, Conical flask, Glazed tile and beakers
4	Burette, Pipette, Erlenmeyer flask, Bottle
5	Pipette, Burette, Conical flask
6	Jar test Apparatus, pH meter, One liter beakers - 6 Nos., Graduated pipette, Turbidity mete
7	Reflux apparatus, Hot plate / Heating mantle, Burette, Pipette, Measuring jars
8	Digital Dissolved Oxygen Meter, BOD bottles (capacity 300 ml), Sampling device for collection of samples, Burette, Pipettes, Incubator
9	UV Spectrophotometer, Sample Tubes
10	Fermentation tubes (150 ml long, 15 mm @), Durham tubes (25 mm long, 5 mm @), Pipette (calibrated in 0.1 ml increaments), Rack (having three rows to hold 5 fermentation tubes in each row), Autoclave, Incubator, Laminar Flow Chamber : It is a working chamber which provides bacteria free-environment.
11	Indoor air quality monitor (automatic sampler) for carbon monoxide (CO), carbon dioxide (CO <sub>2</sub> ), temperature and humidity.
12	Sound level meter, High volume sampler