

List of Research Equipments available in Chemistry Department

Department Name: Chemistry

Equipment Name: Orbital Shaker

Specifications: Working temperature range 30 °C to 100 °C

Functions: Orbital shaker is used to conduct batch sorption experiments at constant temperature.

Photograph:



Department Name: Chemistry

Equipment Name: COD Digester

Specifications: HACH DR200

Functions: Used for the digestion of waste before measurement of Chemical oxygen demand (COD) present in wastewater.

Photograph:



Department Name: Chemistry

Equipment Name: COD Analyser

Specifications: HACH DR3500

Functions: Used to estimate Chemical oxygen demanding waste present in wastewater.

Photograph:



Department Name: Chemistry

Equipment Name: BOD Incubator

Specifications: working range is 20 to 40 °C

Functions: Used for BOD analysis.

Photograph:



Department Name: Chemistry

Equipment Name: Online turbidity meter with SC 200 universal controller

Specifications: 1720E & SC200 universal controller

Functions: to measure turbidity of water sample.

Photograph:



Department Name: Chemistry

Equipment Name: Ozone system

Specifications: 0-30 g/cu.m³

Functions: to produce ozone for AOP.

Photograph:



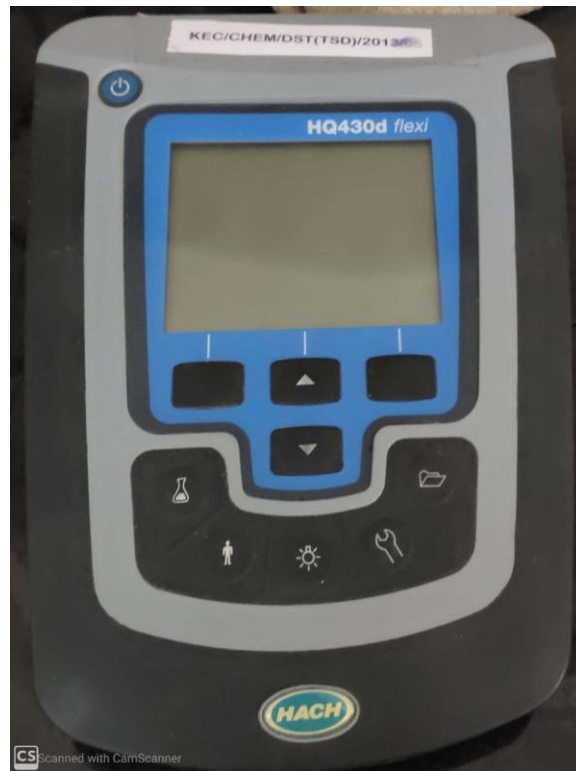
Department Name: Chemistry

Equipment Name: HACH-HQ 430d Benchtop with DO Probe

Specifications: 0-20 ppm

Functions: to measure dissolved oxygen

Photograph:



Department Name: Chemistry

Equipment Name: Digital Balance

Specifications: 0.001 g to 50 g

Functions: to measure samples

Photograph:

