

ENVIRONMENTAL ENGINEERING LABORATORY

A number of research activities occur in the Environmental laboratory, such as solid liquid separation and filtration technologies in water treatment; innovative biological treatment systems for wastewater treatment; membrane hybrid and nano-technology systems in water, wastewater, and storm-water treatment; water reuse and desalination; ground water remediation; and bio-solid and waste management. We also provide consultation on the above-mentioned areas. Following is the list of equipment in the laboratory:

Name of the Important equipment	Technical Manpower Support		
	Name of the Technical Staff	Designation	Qualification
<ul style="list-style-type: none"> • Jar Test Apparatus • pH meter • Turbidity meter • Spectrophotometer • BOD incubator • COD digester • Muffle furnace • Oven • Colony counter • Centrifuge • High volume sampler • Mechanical shaker • Advance biological pilot reactors • Various batch reactors • BOD Incubator • COD Digester • pH meter • Turbidity meter • Distillation Unit • Jar Test Apparatus Auto Chemistry System W/940 110/220 USA 	Mr. Tahzibul Hasan,	Technical Assistant	High School

<ul style="list-style-type: none"> • Weather Station • Paqua Lab. System 25 with accessories • Atomic Absorption Spectro Photometer • Data Logging Integrating Sound Level Meter Type • Gas Liquid Chromatograph Model Michro - 9100 Ded • Mercury Analyser with Measuring range from 20-200 nanogram 			
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JAR TEST APPRATUS

TURBIDITY & pH METER



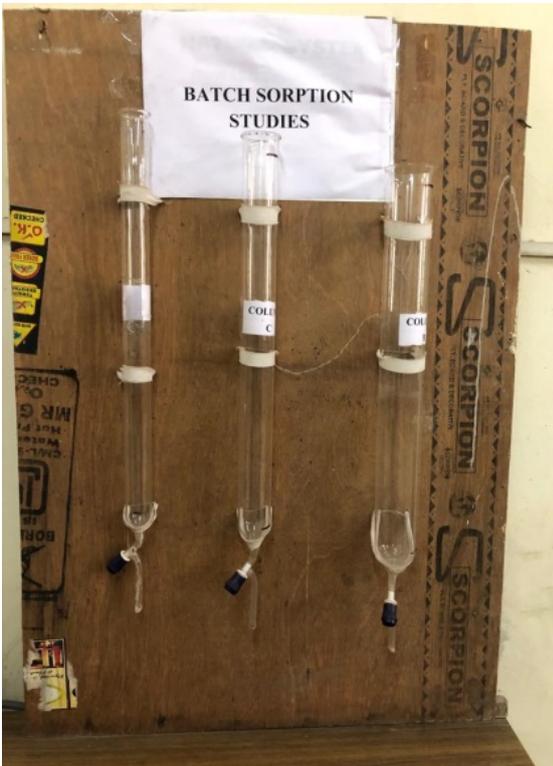


MERCURY ANALYSER

GAS CHROMATOGRAPHER



SORPTION APPARATUS



AUTOCLAVE



BATCH SETUP

BOD INCUBATOR



DISTILLATION UNIT

MECHANICAL SHAKER



DOUBLE DISTILLATION UNIT

COD DIGESTION APPARATUS



SPECTOPHOTOMETER

EXPERIMENT PERFORMANCE

