



Lab-1

1.1 Introduction to Environmental Engineering Laboratory

This is designed to familiarize you with the general set-up of the laboratory. While in the laboratory ask the teaching assistants about the locations and operation of various apparatus mentioned below.

1.2 Some General Equipment, Chemicals & Glassware

- Glassware names and functions
- Clean water source (distilled/de-ionized water)
- Vacuum source
- Air source/Compressor
- Heaters
- Incubators
- Refrigerators
- Muffle Furnace
- Drying Oven
- Magnetic Stirrers
- Filter Apparatus
- Location and proper use of chemicals- acids, alkalis, hazardous/toxic substances, etc.
- Electronic balance(s) for weighing chemicals, samples, etc.
- Using pipettes, burettes