

CHEMISTRY LABORATORY

Laboratory experiments play a very important role in understanding the concepts of chemistry. Chemistry Lab is well equipped to execute the experiments as prescribed by the West Bengal State University in its curriculum.

Chemistry lab can presently accommodate 30 students working at the same time in a session. Students perform the experiment in a group of two to learn team work and help each other for the same.

The Chemistry Lab has variety of sophisticated instruments like Stalagmometer, Viscometer, pH meter, along with other required glass wares, reagents and materials.

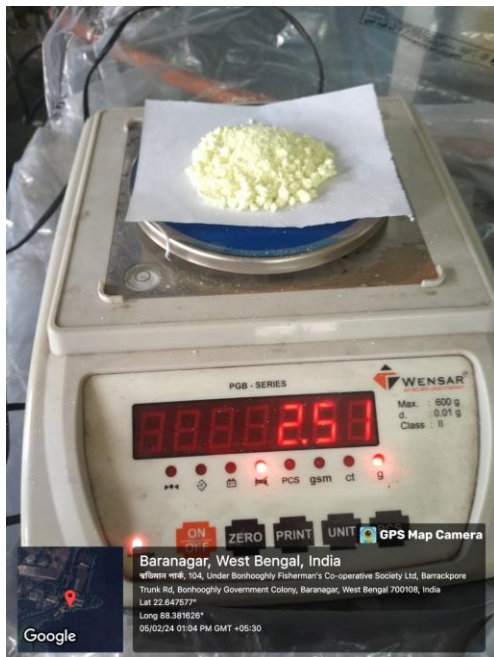
All the practical performed in the labs are under the supervision of two faculty member and a lab attendant for assistance. Safety and security measures are in place and are readily available.



Weighing Machiene: Digital electronic weighing scale is a device used to measure mass or weight. It works with the use of a strain gauge load cell. Digital scales convert the force of a weight to an electric signal.



Specific gravity bottles determine liquid densities by measuring the difference between an empty and filled bottle and dividing by an equal volume of water to find the specific gravity of the substance.



Stalagmometer: The stalagmometer is a simple, manual instrument that involves determining the mass or volume of drops of liquid falling from the tip of a vertical capillary. It is a glass instrument that measures the surface tension of a liquid. It can also measure the interfacial tension (IFT) between two liquids.



A viscometer is a device that measures the viscosity of a fluid, or its resistance to flow at a given temperature. Viscosity can affect a liquid's performance when pumping, piping, dipping, or coating.

