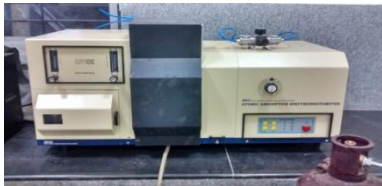


Research Facilities

Sl. No.	Name of the Equipment	Model & Make	Purpose	Faculty Incharge
1.	 UV-visible spectrophotometer	Shimadzu, UV-1800	To determine the concentration of liquid samples	Dr.PrabirGhosh
2.	 Gas Chromatography	Thermofisher Ceres 800Plus	To perform the qualitative and quantitative chemical analysis	Dr. P. K. Chaudhari
3.		ECIL	To determine the concentration of the metals ions (Cu, Fe, Ni, Pb, Co, Cr) in the liquid sample	Dr.AmitKeshav

	Atomic Absorption Spectroscopy			
4.	 Fourier Transform Infrared Spectroscopy	Bruker, Alpha Model	To determine the organic functional group of solid / liquid samples	Dr. J. Anandkumar
5.	 Contact Angle Analyzer	Phoenix 300	To determine the angle formed when a liquid/vapor interface meets the solid surface	Dr. R. Manivannan

6.	 Refractometer	Contech Instruments, CAR-02	To determine the refractive index of the liquid sample	Dr. P. K. Chaudhari
7.	 Rheometer	Anton Paar, Modular Compact Rheometer MCR-52	To determine the rheological properties of the liquid	Dr. J. Anandkumar