

Department of Chemistry

SEM – I IDC Tutorial

Syllabus Distribution

Paper: CHEM-H-IDC1-1-Th or CHEM-H-IDC2-2-Th Or CHEM-H-IDC3-3-Th Tutorial:(15hours) PAPER: CHEM-H-SEC1-1-Tu	1. Safety Practices in the Chemistry Laboratory, knowledge about common toxic chemicals and safety measures in their handling, cleaning and drying of glass wares. 2. Calibration of glassware, pipette, burette and volumetric flask. 3. Preparation of TLC plates and separation of amino acids	Dr.Mumu Chakraborty (7 Lectures)
	4. Calibration of instruments like colorimeter, pH-meter, conductivity meter, spectrophotometer using reference standards or reference materials. 5. Conductometric titration between HCl and NaOH. 6. Determination of alkali present in soaps/detergents.	Dr.Bhaswati Bhattacharya (8 Lectures)