

Semester 2		CL 201	
			Tentative Number of days in semester: 13
S No.	Experiment		No. of days
1	To determine the amount of Iron (II) in a given sample complexed with 1,10-phenanthroline using Colorimeter		1
2	Determination of the rate constant for the redox reaction between ethanol and chromium(IV)		1
3	Determination of the equivalence point of the reaction between Fe(III) & salicylic acid and estimation of Fe(III) using colorimetric titration		1
4	Determination of concentration of acid (HCl) and mixture of acid (HCl, CH ₃ COOH) vs. NaOH (conductometer)		1
5	Determination of concentration of acid (HCl) and mixture of acid (HCl, CH ₃ COOH) vs. NaOH (conductometer)		1
6	pH meter: determination of concentration of HCl (vs NaOH). Determination of pKa of ortho phosphoric acid wrt NaOH (CaCl ₂)		1
MID SEMESTER EXAMINATION			
7	The dipole moment of chlorobenzene		1
8	Measuring the viscosity of the given solution/solvent using Viscometer		1
9	Dissociation constant of CH ₃ COOH from electrical conductivity		1
10	Thermodynamics of galvanic cells		1
11	PROJECT		1
12	PROJECT		1
13	PROJECT SEMINAR		1
END SEMESTER EXAMINATION			13