



Department of Applied Chemistry	LP: CY 22161 Rev. No: 00 Date: 10-11-2022
B.E/B.Tech/M.E/M.Tech : BE & B.TECH	
Student Branch Common to All branches except AD, CS & IN	Regulation: 2022
Sub. Code / Sub. Name : CY22161 CHEMISTRY LABORATORY	

Session No*	List of Experiments
<b>CYCLE-I</b>	
1	Determination of DO content of water sample by Winkler's method.
2	Determination of strength of acids in a mixture using conductivity meter.
3	Determination of total, temporary & permanent hardness of water by EDTA Method.
4	Estimation of iron content of the given solution using potentiometer.
<b>CYCLE-II</b>	
5	Determination of strength of given hydrochloric acid using pH meter
6	Estimation of iron content of the water sample using spectrophotometer (phenanthroline / thiocyanate method)
7	Determination of alkalinity in water sample.
8	Determination of Single electrode potential.
9	Separation of components from a mixture of red and blue inks using Paper chromatography.
Content beyond syllabus (if any):	

\* Session Duration: 150 minutes



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	Prepared by	Approved by
Signature		
Name	Dr. STANLY S	Dr. G DEVASAGAYAM
Designation	ASSOCIATE PROFESSOR	PROFESSOR AND HOD
Date	10/11/2022	
Remarks* :		
Remarks* :		

\* If the same lab plan is followed in the subsequent semester/year it should be mentioned and signed by the Faculty and the HOD