

21CHYP1	ENGINEERING CHEMISTRY LABORATORY	L	T	P	C
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<p><u>Course Objective:</u></p> <ul style="list-style-type: none"> To introduce different experiments to test basic understanding of Engineering chemistry concepts 					
Lab Practice		10 Hours			
<ol style="list-style-type: none"> 1. Estimation of total, permanent and temporary hardness by EDTA method. 2. Conductometric titration-determination of strength of (a) strong acid vs strong base, (b) Acid in a mixture of acids. 3. Estimation of Fe²⁺ by potentiometry. 4. Determination of molecular weight of a polymer by viscosity average method. 5. Estimation of Nickel/Zinc- complexometric titration. 6. Determination of total alkalinity and acidity of a water sample. 7. Determination of rate of corrosion by weight loss method. 					
<p><u>Course Outcome:</u></p> <p>Upon completion of this course, the students will be able to</p> <ul style="list-style-type: none"> Apply different types of estimation and titration method to study the properties of different type of chemicals and polymers. 					