



	<p><b>CO3:</b> know different methods to separate the mixtures viz. solvent separation, chromatography etc., and use this technique in industrial as well as medical field.</p> <p><b>CO4:</b> Develop critical thinking to carry out, record and analyze the results of chemical experiments.</p>
<p><b>CHEM 102TH</b> States of matter, Chemical kinetics, Functional Group Organic Chemistry</p>	<p><b>CO1:</b> know the different states of matter, their nature and properties.</p> <p><b>CO2:</b> Study the reaction rates and factors affecting them.</p> <p><b>CO3:</b> Derive integrated rate equations for zero, first and second order reactions and calculation of Half-life of a reaction.</p> <p><b>CO4:</b> Understand the preparation, properties and mechanism of electrophilic substitution reactions of aromatic hydrocarbon.</p> <p><b>CO5:</b> Understand chemical reactions and mechanisms of alkyl halide, alcohol and phenol, aldehydes and ketones.</p>
<p><b>CHEM 102 PR</b> States of matter, Chemical kinetics Functional Group Organic Chemistry Lab</p>	<p><b>CO1:</b> Determination the surface tension and viscosity of any liquid through specific apparatus.</p> <p><b>CO2:</b> Determination of speed and order of reactions</p> <p><b>CO3:</b> Analyze organic compounds and to prepare their derivatives different.</p>