

# Sree Chaitanya Mahavidyalaya

## COURSE OUTCOME (B.Sc. Chemistry):

Semester	Paper Code	Paper Name	Course Outcome
SEM I	CEMGCOR01T&P	ATOMIC STRUCTURE, CHEMICAL PERIODICITY, ACIDS AND BASES, REDOX REACTIONS, GENERAL ORGANIC CHEMISTRY & ALIPHATIC HYDROCARBONS	By the end of this course, the students will be able to: 1. Complete idea of atom and its structure . 2. chemical and physical property of atoms and there trends 3. concept of acid and base 4. general idea of organic chemistry 5. reactions and use of hydrocarbons .
SEM II	CEMGCOR02T&P	STATES OF MATTER & CHEMICAL KINETICS, CHEMICAL BONDING & MOLECULAR STRUCTUR, p-BLOCK ELEMENTS	By the end of this course, the students will be able to: 1. how bonds form and why bonds form . 2. all the states of matter like solid liquid and gas and all property of them . 3. kinetic of reaction meaning all the information related to speed of a reaction . 4. all the elements of p block and specific property of them .
SEM III	CEMGCOR03T&P /CEMGGEC03T&P	CHEMICAL ENERGETICS, EQUILIBRIA, ORGANIC CHEMISTRY-II	By the end of this course, the students will be able to: 1. relation between heat and work. 2. idea about all form of energy and translation of energy. 3. all the law of thermodynamics . 4. prediction of a reaction about its possibility 5. idea of equilibrium 6. how equilibrium express and factors affecting equilibrium . 7. some other kind of organic compounds with types and transformations etc

	CEMGSEC01M	BASIC ANALYTICAL CHEMISTR	<ol style="list-style-type: none"> <li>1. how to analysis of soil</li> <li>2. How to Analysis of water</li> <li>3. How to Analysis of water</li> <li>4. Know about the chromatographic technology</li> </ol>
SEM IV	CEMGCOR04T&P /CEMGGEC04T&P	SOLUTIONS, PHASE EQUILIBRIA, CONDUCTANCE, ELECTROCHEMISTRY & ANALYTICAL AND ENVIORNMETAL CHEMISTRY-I	<p>At the end of the course, the students will be able to:</p> <ol style="list-style-type: none"> <li>1. What are ideal and non ideal solution .</li> <li>2. Idea of vapour pressure and deviation of that and reason behind that.</li> <li>3. Phase equilibrium of many component system .</li> <li>4. How electrochemical cell works .</li> <li>5. How chemistry can use to dell with environmental problems .</li> </ol>
SEM V	CEMGDSE02T&P	GREEN CHEMISTRY	<p>At the end of the course, the students will be able to:</p> <ol style="list-style-type: none"> <li>1. students are able to understand which things have a bad effect in our environment</li> <li>2. how to control the pollution by alternative methods</li> <li>3. how we can make sustainable development .</li> <li>4. green method for preparation of many chemical</li> <li>5. to go a step toward green and clean energy</li> </ol>
	CEMGSEC003	ANALYTICAL CLINICAL BIOCHEMISTRY	<p>By the end of this course, the students will be able to</p> <ol style="list-style-type: none"> <li>1. Knowledge about carbohydrates, lipid and protein</li> <li>2. Knowledge about blood , urine etc</li> </ol>
SEM VI	CEMGDSE03T&P	INORGANIC MATERIALS OF INDUSTRIAL IMPORTANCE	<p>At the end of the course, the students will be able to:</p> <ol style="list-style-type: none"> <li>1. proper understanding how any industry work .</li> <li>2. they gain some industrial experiece that will help them for job</li> <li>3. many preparation method of various industrial gods .</li> </ol>

