



COMPUTER SCIENCE AND ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty: **Dr. M SIVA NAGA ANJANEYA PRASAD** Department: **Computer Science and Engineering**
Regulation: **IARE - R20** Batch: **2022-2026**
Course Name: **Chemistry** Course Code: **AHSC06**
Semester: **I** Target Value: **70% (2.1)**

Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Explain the electrochemical principles, corrosion process in metals for protection of different metals from corrosion.	1.60	2.30	1.7	Not Attained
CO2 Utilize electrochemical cell parameters, electrochemical active surface area, current and over potential under given condition for calculating the electromotive force and electrode potential.	3.00	2.30	2.9	Attained
CO3 Identify the hardness of water by different treatment methods for finding the hardness causing salts in water.	0.90	2.30	1.2	Not Attained
CO4 Compare different types of polymerization reactions, mechanism of lubrication for utilizing in industries.	1.60	2.30	1.7	Not Attained
CO5 Make use of green synthesis methods, different types of solid, liquid and gaseous fuels in terms of calorific value for utilizing in industries and automobiles.	3.00	2.30	2.9	Attained
CO6 Outline the different types of natural resources and their applicability for understanding the effect of pollutants on air, water and soil that cause the environmental pollution.	2.10	2.30	2.1	Attained

Action Taken Report: (To be filled by the concerned faculty / course coordinator)

CO1:

1. Application oriented topics like electroless plating and organic surface coatings will be included to enhance understanding on fundamentals.

CO3: 1. Tutorial classes are to be conducted for slow Learners 2. Assignments are to be given for students on topics like EDTA method, Potable water and ion-exchange process. 3. Students are motivated to watch ELRV videos to understand the concepts in water and its treatment

CO4: 1. Tutorial classes are to be conducted for slow Learners 2. Assignments are to be given for students on topics like Types of polymerization, vulcanization and Properties of lubricants. 3. Students are motivated to watch ELRV videos to understand the concepts in Polymers and Lubricants


Course Coordinator


Mentor


Head of the Department