



COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. G MAHESH KUMAR	Department:	Computer Science and Engineering (Cyber Security)
Regulation:	IARE - R20	Batch:	2022-2026
Course Name:	Chemistry	Course Code:	AHSC06
Semester:	I	Target Value:	60% (1.8)

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.	0.90	2.10	1.1	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	2.10	2.8	Attained
CO3	Identify the hardness of water by different treatment methods for finding the hardness causing salts in water.	1.60	2.10	1.7	Not Attained
CO4	Compare different types of polymerization reactions, mechanism of lubrication for utilizing in industries.	1.60	2.10	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	2.10	2.8	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	2.10	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 are to be included.
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

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