

**ELECTRICAL AND ELECTRONICS ENGINEERING****ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT**

Name of the faculty:	Ms. V SUBBALAXMI	Department:	Electrical and Electronics Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	Engineering Chemistry	Course Code:	AHSB03
Semester:	I	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Explain the operation of electrochemical systems for the production of electric energy, i.e. batteries.	0.00	2.60	0.5	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.	1.60	2.60	1.8	Attained
CO3	Illustrate the chemical and electrochemical corrosion in metals by influencing the nature of environment.	1.60	2.60	1.8	Attained
CO4	Make use of the basic electrochemical knowledge of corrosion processes for protection of different metals from corrosion.	2.30	2.50	2.3	Attained
CO5	Identify the hardness of water for finding the hardness causing salts in water.	0.60	2.50	1	Not Attained
CO6	Demonstrate different treatment methods for producing soft water from saline or brackish sources.	3.00	2.60	2.9	Attained

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

CO1: Use digital resources for better understanding of operation of electrochemical systems for the production of electric energy

CO5: Better understanding of hardness of water for finding the hardness causing salts in water using digital resources.

Course Coordinator
Mentor
Head of the Department