



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	M LAKSHMI PRASANNA	Department:	Information Technology
Regulation:	IARE - R18	Batch:	2018-2022
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.	0.30	2.40	0.7	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.	1.30	2.40	1.5	Not Attained
CO3	Illustrate the chemical and electrochemical corrosion in metals by influencing the nature of environment.	1.70	2.40	1.8	Attained
CO4	Make use of the basic electrochemical knowledge of corrosion processes for protection of different metals from corrosion.	2.70	2.40	2.6	Attained
CO5	Identify the hardness of water for finding the hardness causing salts in water.	2.00	2.40	2.1	Attained
CO6	Demonstrate different treatment methods for producing soft water from saline or brackish sources.	2.30	2.40	2.3	Attained

Action Taken:

CO1: Need to conduct guest lectures on operation of electrochemical systems for the production of electric energy.

CO2: Need to take more lectures on the concepts electrochemical cell parameters, electrochemical active surface area.


Course Coordinator


Mentor


Head of the Department