



**INSTITUTE OF AERONAUTICAL ENGINEERING**  
(Autonomous)  
Dundigal, Hyderabad - 500043, Telangana

## COMPUTER SCIENCE AND ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	<b>Dr. V ANITHA RANI</b>	Department:	<b>Computer Science and Engineering</b>
Regulation:	<b>IARE - R18</b>	Batch:	<b>2018-2022</b>
Course Name:	<b>Engineering Chemistry</b>	Course Code:	<b>AHSB03</b>
Semester:	<b>I</b>	Target Value:	<b>70% (2.1)</b>

#### 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.	0.60	2.30	0.9	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	2.30	1.7	Not Attained
CO3 Illustrate the chemical and electrochemical corrosion in metals by influencing the nature of environment.	2.00	2.40	2.1	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.	2.30	2.30	2.3	Attained
CO6 Demonstrate different treatment methods for producing soft water from saline or brackish sources.	2.30	2.30	2.3	Attained

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

CO1: Demonstrate operation of electromechanical system through simulator so that student will understand how electrical energy will be produced

CO2: Problems on calculation of electromotive force and electrode potential will be given as exercise to make student analyze electromechanical parameters importance

Course Coordinator

Mentor

Head of the Department  
 Computer Science and Engineering  
**INS Head of the Department, ENGINEERING**  
 Dundigal, Hyderabad - 500 043