



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)  
Dundigal, Hyderabad - 500 043

## ELECTRONICS AND COMMUNICATION ENGINEERING ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

Name of the Faculty:	<b>Dr. MSNA Prasad</b>	Department:	<b>ECE</b>
Regulation:	<b>R18</b>	Branch:	<b>2018-2022</b>
Course Name:	<b>Engineering chemistry</b>	Course Code:	<b>AHSB03</b>
Semester:	<b>II</b>	Target Value:	<b>60% (1.8)</b>

### Attainment of Cos:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observations
CO1	Explain the operation of electrochemical systems for the production of electric energy. i.e. batteries.	0	2.6	0.5	Attainment target is not yet reached
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	2.6	2.9	Attainment target reached
CO3	Illustrate the chemical and electrochemical corrosion in metals by influencing the nature of environment.	1.6	2.6	1.8	Attainment target reached
CO4	Make use of the basic electrochemical knowledge of corrosion processes for protection of different metals from corrosion.	3	2.6	2.9	Attainment target reached
CO5	Identify the hardness of water for finding the hardness causing salts in water.	0.9	2.6	1.2	Attainment target is not yet reached
CO6	Demonstrate different treatment methods for producing soft water from saline or brackish sources.	2.3	2.5	2.3	Attainment target reached

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

CO 1: Additional inputs will be provided on the operation of electrochemical systems for the production of electric energy

CO 5: Giving assignments and conducting tutorials on hardness of water for finding the hardness causing salts in water

Course Coordinator

Mentor

HOD

Head of the Department  
Electronics and Communication Engineering  
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