



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad -500 043

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### ATTAINMENT OF COURSE OUTCOMES (COs) – ACTION PLAN

Name of the Faculty	Mrs. P. Anitha Devi	Department	CSE
Regulations	R16	Batch	2017 -2021
Course Name	Engineering Chemistry	Course Code:	AHS005
Semester	I	Target Value	70% (2.1 on 3 Scale)

#### Attainment of COs:

Course Outcomes		Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Explain the operation of electrochemical systems for the production of electric energy, i.e. batteries	2.3	2.8	2.4	Target 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	2.8	3	Target attained
CO3	Illustrate the electrochemical theory of corrosion process in metals for protection of different metals from corrosion	0.9	2.7	1.3	Target not attained
CO4	Identify the hardness of water by different treatment methods for finding the hardness causing salts in water	2.3	2.8	2.4	Target attained
CO5	Explain the importance of different types of materials for understanding their composition and applications.	2.3	2.7	2.4	Target attained
CO6	Choose different types of solid, liquid and gaseous fuels in terms of calorific value for utilizing in industries and automobiles.	2.3	2.8	2.4	Target attained

#### Action taken report:

CO3: Special lectures to be organized on electrochemical theory so that student able to understand corrosion process in metals.

*Anitha*  
Course Coordinator

*Anitha*  
Mentor

*Hodhull*  
HOD  
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