



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

## ELECTRICAL AND ELECTRONICS ENGINEERING

### ATTAINMENT OF COURSE OUTCOME –ACTION TAKEN REPORT

Name of the faculty:	Dr. MSNA Prasad	Department:	EEE
Regulation:	IARE - R16	Batch:	2017 - 2021
Course Name:	Engineering Chemistry	Course Code:	AHS005
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	1.6	2.7	1.8	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	2.6	2.9	Attained
CO3 Illustrate the electrochemical theory of corrosion process in metals for protection of different metals from corrosion	0.6	2.7	1	Not Attained
CO4 Identify the hardness of water by different treatment methods for finding the hardness causing salts in water	1.3	2.6	1.6	Not Attained
CO5 Explain the importance of different types of materials for understanding their composition and applications.	1.3	2.6	1.6	Not Attained
CO6 Choose different types of solid, liquid and gaseous fuels in terms of calorific value for utilizing in industries and automobiles.	1.3	2.6	1.6	Not Attained

#### Action taken report:

CO 3: Need to focus on water treatment methods for hardness removal  
CO 4: More focus on polymers, plastics, teflon  
CO 5: Provide more assignments on composition of Portland cement and lubricants  
CO 6: More focus on calorific value for utilizing in industries and automobiles

Course Coordinator

*Dr. MSNA Prasad*

Mentor

*Any..*

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