



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

ELECTRONICS AND COMMUNICATION ENGINEERING

ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

Name of the Faculty:	Dr. MSNA Prasad	Department:	ECE
Regulation:	IARE-R16	Branch:	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	Observations
CO1	Explain the operation of electrochemical systems for the production of electric energy, i.e. batteries	3.00	2.50	2.9	Attainment target 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.	2.30	2.50	2.3	Attainment target reached
CO3	Illustrate the electrochemical theory of corrosion process in metals for protection of different metals from corrosion	1.60	2.50	1.8	Attainment target reached
CO4	Identify the hardness of water by different treatment methods for finding the hardness causing salts in water	0.90	2.50	1.2	Attainment target is not yet reached
CO5	Explain the importance of different types of materials for understanding their composition and applications.	1.60	2.50	1.8	Attainment target reached
CO6	Choose different types of solid, liquid and gaseous fuels in terms of calorific value for utilizing in industries and automobiles.	0.90	2.40	1.2	Attainment target is not yet reached

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

CO4: 3. Additional inputs will be provided on the hardness of water by different treatment methods like ion-exchange resin method, reverse osmosis and lime softening.

CO6: Giving assignments and conducting tutorials on solid, liquid and gaseous fuels

MSNA Prasad
Course Coordinator

[Signature]
Mentor

Head of the Department
Electronics and Communication Engineering
[Signature]
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