



INSTITUTE OF AERONAUTICAL ENGINEERING (Autonomous)

Dundigal, Hyderabad - 500043, Telangana

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. V ANITHA RANI	Department:	Mechanical Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	Engineering Chemistry	Course Code:	AHSB03
Semester:	II	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.	2.30	2.30	2.3	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.	3.00	2.30	2.9	Attained
CO3 Illustrate the chemical and electrochemical corrosion in metals by influencing the nature of environment.	2.00	2.10	2	Attained
CO4 Make use of the basic electrochemical knowledge of corrosion processes for protection of different metals from corrosion.	0.60	2.30	0.9	Not Attained
CO5 Identify the hardness of water for finding the hardness causing salts in water.	2.40	2.00	2.3	Attained
CO6 Demonstrate different treatment methods for producing soft water from saline or brackish sources.	1.70	2.10	1.8	Attained

Action Taken:

CO4: More examples may be given on the protection of different metals from corrosion.


Course Coordinator


Mentor


Head of the Department

Head of the Department
Mechanical Engineering
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