



INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Ms. M MALATHI	Department:	Civil 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.	2.00	2.50	2.1	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.	1.60	2.50	1.8	Attained
CO3	Illustrate the chemical and electrochemical corrosion in metals by influencing the nature of environment.	2.40	2.60	2.4	Attained
CO4	Make use of the basic electrochemical knowledge of corrosion processes for protection of different metals from corrosion.	0.60	2.40	1	Not Attained
CO5	Identify the hardness of water for finding the hardness causing salts in water.	1.00	2.40	1.3	Not Attained
CO6	Demonstrate different treatment methods for producing soft water from saline or brackish sources.	2.40	2.40	2.4	Attained


Action Taken:

CO4: Additional inputs will be provided to understand and protect different materials from corrosion.

CO5: Giving Assignments and conducting tutorials on hardness of water for finding the hardness causing salt in water


Course Coordinator


Mentor


Head of the Department
Head of the Department
Civil Engineering
INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad - 500 043