INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Mr. M PRAVEEN**	Department:	**Mechanical Engineering**
Regulation:	**IARE - R18**	Batch:	**2018-2022**
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.	0.30	2.30	0.7	Not 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.	0.00	2.20	0.4	Not Attained
CO3	Illustrate the chemical and electrochemical corrosion in metals by influencing the nature of environment.	1.00	2.20	1.2	Not Attained
CO4	Make use of the basic electrochemical knowledge of corrosion processes for protection of different metals from corrosion.	0.00	2.30	0.5	Not Attained
CO5	Identify the hardness of water for finding the hardness causing salts in water.	0.00	2.30	0.5	Not Attained
CO6	Demonstrate different treatment methods for producing soft water from saline or brackish sources.	1.00	2.20	1.2	Not Attained

Action Taken:

CO1: More examples need to be given for the operation of electrochemical systems.

CO2: More assignments may be given for calculating the electromotive force and electrode potential.

CO3: More applications may be given for the corrosion process.

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

CO5: More problems to be solved for finding the hardness causing salts in water.

CO6: More assignments may be given on different treatment methods for producing soft water from saline or brackish sources.

Praveen
Course Coordinator

Head of the Department

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