



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## INFORMATION TECHNOLOGY

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Ms. T MALLIKA	Department:	Information Technology
Regulation:	IARE - R20	Batch:	2020-2024
Course Name:	Chemistry	Course Code:	AHSC06
Semester:	I	Target Value:	60% (1.8)

#### Attainment of COs:

	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Explain the electrochemical principles, corrosion process in metals for protection of different metals from corrosion.	1.30	2.30	1.5	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.	3.00	2.30	2.9	Attained
CO3	Identify the hardness of water by different treatment methods for finding the hardness causing salts in water.	2.70	2.30	2.6	Attained
CO4	Compare different types of polymerization reactions, mechanism of lubrication for utilizing in industries.	3.00	2.30	2.9	Attained
CO5	Make use of green synthesis methods, different types of solid, liquid and gaseous fuels in terms of calorific value for utilizing in industries and automobiles.	3.00	2.30	2.9	Attained
CO6	Outline the different types of natural resources and their applicability for understanding the effect of pollutants on air, water and soil that cause the environmental pollution.	3.00	2.30	2.9	Attained

#### Action Taken:

CO1: Need to discuss corrosion process in metals in details with examples taken.

Course Coordinator

Mentor

Head of the Department