INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)
Dundigal, Hyderabad - 500 043

COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

Name of the Faculty:	Ms. SRAVANTHI BASIREDDY	Department:	CSIT
Regulation:	UG20	Batch:	2021-2025
Course Name:	Chemistry	Course Code:	AHSC06
Semester:	I	Target Value:	60% (1.8 on 3 scale)

Attainment of Cos:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observations
CO1	Explain the electrochemical principles, corrosion process in metals for protection of different metals from corrosion.	1	2.5	1.3	Target 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.	0.9	2.5	1.2	Target not Attained
CO3	Identify the hardness of water by different treatment methods for finding the hardness causing salts in water.	0.9	2.6	1.2	Target not Attained
CO4	Compare different types of polymerization reactions, mechanism of lubrication for utilizing in industries.	2.3	2.5	2.3	Target 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	2.6	2.9	Target 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	2.6	2.9	Target Attained

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

In this Course CO1,CO2, and CO3 requires additional attention and it is improved by

CO 1: Providing the tutorial hours to explain difficult topics like electric chemical principles.

CO 2: Conducting tutorial classes on electrode potentials of copper, standard reduction potentials for students understanding.

CO 3: More inputs will be provided on the hardness of water by different methods for finding the hardness.

Course Coordinator **Mentor** **HOD**