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

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Mr. B RAJU**	Department:	**Civil Engineering**
Regulation:	**IARE - R20**	Batch:	**2020-2024**
Course Name:	**Chemistry**	Course Code:	**AHSC06**
Semester:	**II**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct attaiment	Indirect attaiment	Overall attaiment	Observation
CO1	Explain the electrochemical principles, corrosion process in metals for protection of different metals from corrosion.	1.60	2.30	1.7	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.	1.60	2.30	1.7	Not Attained
CO3	Identify the hardness of water by different treatment methods for finding the hardness causing salts in water.	0.90	2.20	1.2	Not Attained
CO4	Compare different types of polymerization reactions, mechanism of lubrication for utilizing in industries.	1.60	2.30	1.7	Not 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.	2.30	2.30	2.3	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: Giving assignments and conducting tutorials on Explaining the electrochemical principles, and corrosion process in metals for protection of different metals from corrosion.

CO2: Additional inputs will be provided on Utilizing electrochemical cell parameters, electrochemical active surface area, current, and over potential under given conditions for calculating the electromotive force and electrode potential.

CO3: Providing more information on Identifying the hardness of water by different treatment methods for finding the hardness causing salts in water.

CO4: Need to provide more problems and assignments on Comparing different types of polymerization reactions and mechanisms of lubrication for utilization in industries.

Course Coordinator

Mentor

Head of the Department

Head of the Department
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