



# 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:	Dr. VNSR VENKATESWARA RAO	Department:	CSIT
Regulation:	UG20	Batch:	2022-2026
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.	1.6	2.2	1.7	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.	3.0	2.2	2.8	Target Attained
CO3 Identify the hardness of water by different treatment methods for finding the hardness causing salts in water.	2.3	2.2	2.3	Target Attained
CO4 Compare different types of polymerization reactions, mechanism of lubrication for utilizing in industries.	1.6	2.2	1.7	Target 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.	3.0	2.2	2.8	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.	3.0	2.2	2.8	Target Attained

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

In this Course CO1 and CO4 requires additional attention and it is improved by

CO 1: Revising Chemistry curriculum as per the necessities of students, Application oriented topics like Methanol-Oxygen fuel cell, electroless plating and organic surface coatings are to be included

CO 4: Conducting Tutorial classes for slow Learners, Assignments are to be given for students on topics like Types of Polymerization, Vulcanization and Properties of Lubricants, Students are motivated to watch ELRV videos to understand the concepts in Polymers and Lubricants

*V.N.S Venkateswar Rao*  
Course Coordinator

*Amu*  
Mentor

*M.R.S*  
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