



# INSTITUTE OF AERONATICAL ENGINEERING

(Autonomous)  
Dundigal, Hyderabad - 500 043

## ELECTRONICS AND COMMUNICATION ENGINEERING ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

Name of the Faculty:	<b>Dr. V N S R Venkateswara Rao</b>	Department:	ECE
Regulation:	<b>UG20</b>	Branch:	<b>2020-2024</b>
Course Name:	<b>Chemistry</b>	Course Code:	<b>AHSC06</b>
Semester:	<b>II</b>	Target Value:	<b>60% (1.8)</b>

### 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.	2.3	2.2	2.3	Attainment target reached
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	2.2	2.8	Attainment target reached
CO3	Identify the hardness of water by different treatment methods for finding the hardness causing salts in water.	0.9	2.2	1.2	Attainment target is not yet reached
CO4	Compare different types of polymerization reactions, mechanism of lubrication for utilizing in industries.	0.9	2.2	1.2	Attainment target is not yet reached
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	2.2	2.8	Attainment target reached
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	2.2	2.8	Attainment target reached

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

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

CO 4: Guest lectures are conducted on different types of polymerization reactions, mechanism of lubrication for utilizing in industries

  
Course Coordinator

  
Mentor

  
HOD

Head of the Department  
Electronics and Communication Engineering  
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