



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

ELECTRICAL AND ELECTRONICS ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Dr. MSNA Prasad	Department:	EEE
Regulation:	IARE - R16	Batch:	2016 - 2020
Course Name:	Engineering Chemistry	Course Code:	AHS005
Semester:	I	Target Value:	60% (1.8)

Attainment of COs:

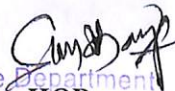
Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Explain the operation of electrochemical systems for the production of electric energy, i.e. batteries	1.6	2.1	1.7	Not Attained
CO2	Utilize electrochemical cell parameters, electrochemical active surface area, current and over potential under given condition for calculating the electromotive force and electrode potential.	1.6	2.0	1.7	Not Attained
CO3	Illustrate the electrochemical theory of corrosion process in metals for protection of different metals from corrosion	0.6	1.8	0.8	Not Attained
CO4	Identify the hardness of water by different treatment methods for finding the hardness causing salts in water	1.6	1.8	1.6	Not Attained
CO5	Explain the importance of different types of materials for understanding their composition and applications.	1.3	2.0	1.4	Not Attained
CO6	Choose different types of solid, liquid and gaseous fuels in terms of calorific value for utilizing in industries and automobiles.	1.6	2.0	1.7	Not Attained

Action taken report:

- CO 1: Need to give assignments on electrochemical systems
- CO 2: Provide more assignments on types and control methods for the production of energy
- CO 3: Need to focus on water treatment methods for hardness removal
- CO 4: More focus on polymers, plastics, teflon
- CO 5: Provide more assignments on composition of Portland cement and lubricants
- CO 6: More focus on calorific value for utilizing in industries and automobiles


Course Coordinator


Mentor


Head of the Department
Electrical and Electronics Engineering
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