



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

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|----------------------|-------------------|---------------|--------------------------|
| Name of the faculty: | Dr. V ANITHA RANI | Department: | Aeronautical 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 attainment | Indirect attainment | Overall attainment | Observation |
|---|-------------------|---------------------|--------------------|--------------|
| CO1 Explain the electrochemical principles, corrosion process in metals for protection of different metals from corrosion. | 3.00 | 2.30 | 2.9 | 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. | 3.00 | 2.30 | 2.9 | Attained |
| CO3 Identify the hardness of water by different treatment methods for finding the hardness causing salts in water. | 0.90 | 2.30 | 1.2 | Not Attained |
| CO4 Compare different types of polymerization reactions, mechanism of lubrication for utilizing in industries. | 2.30 | 2.30 | 2.3 | 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. | 3.00 | 2.30 | 2.9 | 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:

CO3: Digital content and videos are given in classes for a better understanding of concept.


Course Coordinator


Mentor


Head of the Department

Head of the Department
Aeronautical Engineering
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