



## INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

### ELECTRICAL AND ELECTRONICS ENGINEERING

#### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. K LINGASWAMY	Department:	Electrical and Electronics Engineering
Regulation:	IARE - UG20	Batch:	2021-2025
Course Name:	Electrical and Hybrid Vehicles	Course Code:	AEEC54
Semester:	VIII	Target Value:	60% (1.8)

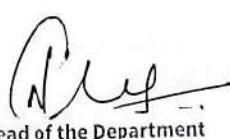
##### Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Summarize the various topologies and modeling techniques used in electric and hybrid vehicles for performance analysis.	3.00	2.40	2.9	Attained
CO2	Analyze cost-effectiveness of different types of hybrid drive-trains for transmitting power to driving wheels.	2.70	2.30	2.6	Attained
CO3	Demonstrate the configuration and control of Electric motor drives for maximizing speed and torque.	3.00	2.40	2.9	Attained
CO4	Choose the hybridization of Energy Storage Systems for reducing size.	3.00	2.30	2.9	Attained
CO5	Select suitable Energy Storage Systems and drive train components for optimizing energy management.	3.00	2.40	2.9	Attained
CO6	Choose the hybridization of Energy Storage Systems for reducing size	3.00	0.00	2.4	Attained

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

  
Course Coordinator

  
Mentor

  
Head of the Department

Head of the Department  
Electrical and Electronics Engineering  
INSTITUTE OF AERONAUTICAL ENGINEERING  
Dundigal, Hyderabad-500 043.