



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

ELECTRICAL AND ELECTRONICS ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	P. Sindhu	Department:	EEE
Regulation:	IARE - R16	Batch:	2016 - 2020
Course Name:	Hybrid Electric Vehicles	Course Code:	AEEO19
Semester:	VIII	Target Value:	60% (1.8)

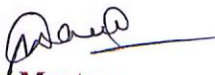
Attainment of COs:

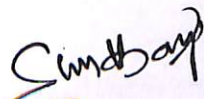
Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Summarize the various topologies and modeling techniques used in electric and hybrid vehicles for performance analysis.	0.9	2.5	1.2	Not Attained
CO2	Analyze cost-effectiveness of different types of hybrid drive-trains for transmitting power to driving wheels.	0.9	2.5	1.2	Not Attained
CO3	Demonstrate the configuration and control of Electric motor drives for maximizing speed and torque.	0.9	2.4	1.2	Not Attained
CO4	Choose the hybridization of Energy Storage Systems for reducing size.	0.9	2.4	1.2	Not Attained
CO5	Select suitable Energy Storage Systems and drive train components for optimizing energy management.	0.9	2.5	1.2	Not Attained

Action taken report:

CO 1: Need to use digital resources and ICT tools
CO 2: Provide more assignments on different types of hybrid drive-trains
CO 3: Need to focus on control of Electric motor drives
CO 4: More focus on hybridization of Energy Storage Systems
CO 5: Provide more real time applications for better understanding of Energy Storage Systems


Course Coordinator


Mentor


HOD

Head of the Department
Electrical and Electronics Engineering
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