



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

ELECTRICAL POWER SYSTEMS

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. PUPPALA RAJENDHAR	Department:	Electrical Power Systems
Regulation:	IARE - PG21	Batch:	2021-2023
Course Name:	Hybrid Electric Vehicles	Course Code:	BPSC08
Semester:	I	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Summarize the basics of electric and hybrid electric vehicles, their architecture, technologies and fundamentals	3.00	2.40	2.9	Attained
CO2	Analyze the use of different power electronics devices and electrical machines in hybrid electric vehicles.	3.00	2.40	2.9	Attained
CO3	Demonstrate the use of different energy storage devices used for hybrid electric vehicles, their technologies and control and select appropriate technology	3.00	2.40	2.9	Attained
CO4	Interpret working of different configurations of electric vehicles and its components, hybrid vehicle configuration, performance analysis and Energy Management strategies in HEVs.	2.30	2.10	2.3	Attained
CO5	Develop the electric propulsion unit and its control for hybrid electric vehicles.	3.00	2.70	2.9	Attained

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


Course Coordinator


Mentor


Head of the Department