



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## ELECTRICAL AND ELECTRONICS ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	<b>Ms. SHAIK RUKSANA BEGAM</b>	Department:	<b>Electrical and Electronics Engineering</b>
Regulation:	<b>IARE - R18</b>	Batch:	<b>2018-2022</b>
Course Name:	<b>Electrical and Hybrid Vehicles</b>	Course Code:	<b>AEEB54</b>
Semester:	<b>VIII</b>	Target Value:	<b>60% (1.8)</b>

#### 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.	3.00	2.40	2.9	Attained
CO3	Demonstrate the configuration and control of Electric motor drives for maximizing speed and torque.	1.60	2.30	1.7	Not Attained
CO4	Choose the hybridization of Energy Storage Systems for reducing size.	3.00	2.40	2.9	Attained
CO5	Select suitable Energy Storage Systems and drive train components for optimizing energy management.	1.30	2.40	1.5	Not Attained

#### Action taken report:

CO3: Students are encouraged to enroll for NPTEL video

CO5:

Expert lectures are planned

*Sk Rukhsana Begam*  
Course Coordinator

*[Signature]*  
Mentor

*[Signature]*  
Head of the Department  
Head of the Department  
Electrical and Electronics Engineering  
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