



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

AEROSPACE ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. ATHOTA RATHAN	Department:	Aerospace Engineering
Regulation:	IARE - R21	Batch:	2022-2024
Course Name:	Atmospheric re entry Vehicles	Course Code:	BAEC19
Semester:	II	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Develop the concepts for designing the re-entry vehicle as per the desired mission.	2.30	2.50	2.3	Attained
CO2	Identify the aerodynamic performance parameters of a re-entry module for different operational scenarios.	0.60	2.30	0.9	Not Attained
CO3	Compare the design properties with international standard atmosphere for different flight mission	1.60	2.30	1.7	Not Attained
CO4	Examine the stability techniques and limitations for recognizing safety measurements of Atmospheric Re-entry Vehicles	0.90	2.60	1.2	Not Attained
CO5	Classify the re-entry vehicles based on operational performance for their suitability in the mission	0.30	2.70	0.8	Not Attained
CO6	Make use of the selection criteria and material properties for performing re-entry vehicles in adverse conditions.	0.60	2.20	0.9	Not Attained

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

CO2: Additional reading material on aerodynamic performance parameters are to be given.

CO3: Digital content on design properties included for flight mission are to be given for better understanding.


CO4: Additional reading materials on stability techniques and limitations are to be given.

CO5: Digital content on flight reentry vehicle classification are to be given.

CO6: Additional reading materials for selection criteria of materials on reentry vehicles is to be provided.


Course Coordinator


Mentor


Head of the Department
Aeronautical Engineering
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