



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

## AERONAUTICAL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of Faculty:	Mr. Athota Rathan	Department:	Aerospace Engineering
Regulation:	R-18	Batch:	2019-2021
Course Name:	Atmospheric Re Entry Vehicles	Course Code:	BAEB16
Semester:	II Semester	Target Value:	1.8

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO 1	Develop the concepts for designing the re-entry vehicle as per the desired mission.	1.6	2.1	1.7	Not Attained
CO 2	Identify the aerodynamic performance parameters of a re-entry module for different operational scenarios.	0.9	1.9	1.1	Not Attained
CO 3	Compare the design properties with international standard atmosphere for different flight mission	3	2.0	2.8	Attained
CO 4	Examine the stability techniques and limitations for recognizing safety measurements of Atmospheric Re-entry Vehicles	2.1	2.1	2.1	Attained
CO 5	Classify the re-entry vehicles based on operational performance for their suitability in the mission	2.1	1.9	2.1	Attained
CO 6	Make use of the selection criteria and material properties for performing re-entry vehicles in adverse conditions.	2.1	1.9	2.1	Attained

**Action taken report (To be filled by the concerned faculty/ course coordinator):**

CO 1: Digital content and videos will be given for better understanding of concept.

CO 2: Extra material will be provided for performance of re-entry module

  
Course Coordinator

  
Mentor

  
HOD

Head of the Department  
Aeronautical Engineering  
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