



# 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:	2020-2022
Course Name:	Atmospheric Re Entry Vehicles	Course Code:	BAEB16
Semester:	IInd Semester	Target Value:	<b>1.8</b>

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.	0.90	2.40	1.2	Not Attained
CO 2	Identify the aerodynamic performance parameters of a re-entry module for different operational scenarios.	0.60	2.70	1	Not Attained
CO 3	Compare the design properties with international standard atmosphere for different flight mission	0.90	2.70	1.3	Not Attained
CO 4	Examine the stability techniques and limitations for recognizing safety measurements of Atmospheric Re-entry Vehicles	0.90	1.50	1	Not Attained
CO 5	Classify the re-entry vehicles based on operational performance for their suitability in the mission	0.90	2.10	1.1	Not Attained
CO 6	Make use of the selection criteria and material properties for performing re-entry vehicles in adverse conditions.	0.90	2.40	1.2	Not Attained

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

**CO 1:** Digital content and videos are given in classes to understand concepts better.

**CO 2:** Additional inputs are given on the aerodynamic performance of the re-entry module

**CO 3:** Digital content and videos are given in classes to understand concepts better.


**CO 4:** Extra materials are provided on stability techniques and limitations of Atmospheric Re-entry Vehicles

**CO 5:** Digital content is provided for a better understanding of the concept

**CO 6:** Real-time applications materials are provided

  
Course Coordinator

  
Mentor

  
HOD  
Head of the Department  
Aeronautical Engineering  
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