INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of Faculty:	Mr.Gooty Rohan	Department:	Aerospace Engineering
Regulation:	PG-21	Batch:	2021-2023
Course Name:	Computational Structures Laboratory	Course Code:	BAEC24
Semester:	IInd Semester	Target Value:	**1.8**

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO 1	Develop the appropriate method for predicting ultimate load on wing using ANSYS.	3.0	0.0	3.0	Attained
CO 2	Estimate the rocket motor case loading for the launch vehicle by using computational tools.	3.0	0.0	3.0	Attained
CO 3	Examine the thermal and structural loading on exposed components during the flight mission for obtaining airworthiness suitability.	3.0	0.0	3.0	Attained
CO 4	Make use of the structural fatigue concept for obtaining desired operational characteristics.	3.0	0.0	3.0	Attained
CO 5	Analyze the effect of fracture during bird hit using L S Dyna simulation for failure rate of an aircraft.	3.0	0.0	3.0	Attained
CO 6	Determine the failure mode during fracture of an aircraft component for assessing crack propagation.	3.0	0.0	3.0	Attained

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

Course Coordinator

Mentor

HOD-AE