



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT


Name of Faculty:	Ms. Sutyawanshi Saraswathi	Department:	Aerospace Engineering
Regulation:	R-18	Batch:	2019-2021
Course Name:	Computational Structures Laboratory	Course Code:	BAEB20
Semester:	II 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	-	3	Attained
CO 2	Estimate the rocket motor case loading for the launch vehicle by using computational tools.	3	-	3	Attained
CO 3	Examine the thermal and structural loading on exposed components during the flight mission for obtaining airworthiness suitability.	3	-	3	Attained
CO 4	Make use of the structural fatigue concept for obtaining desired operational characteristics.	3	-	3	Attained
CO 5	Analyze the effect of fracture during bird hit using L S Dyna simulation for failure rate of an aircraft.	3	-	3	Attained
CO 6	Determine the failure mode during fracture of an aircraft component for assessing crack propagation.	3	-	3	Attained

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


Course Coordinator


Mentor


HOD
Head of the Department
Aeronautical Engineering
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