

**INSTITUTE OF AERONAUTICAL ENGINEERING**

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

**AEROSPACE ENGINEERING****ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT**

Name of the faculty:	Mr. GUNDA SHIVA KRISHNA	Department:	Aerospace Engineering
Regulation:	IARE - MT23	Batch:	2023-2025
Course Name:	Advanced Structural Analysis Laboratory	Course Code:	BAED24
Semester:	II	Target Value:	60% (1.8)

**Attainment of COs:**

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Make use of the properties of Composite materials subjected to tensile loads using the magnitude of stress and strain for engineering applications	2.40	0.00	2.4	Attained
CO2	Demonstrate the deflections of beams subjected to transverse loads under various end conditions for aerospace structural design	2.40	0.00	2.4	Attained
CO3	Determine the failure mode during the fracture of an aircraft component for assessing crack propagation	2.40	0.00	2.4	Attained
CO4	Illustrate the critical buckling loads of columns subjected to Compression loads for efficient design of structures under various end conditions.	2.40	0.00	2.4	Attained
CO5	Develop an appropriate method for predicting the ultimate load on the wing using ANSYS	2.40	0.00	2.4	Attained
CO6	Explain the Unsymmetrical Bending behavior of a Beam for designing aerospace structures.	2.40	0.00	2.4	Attained

**Action Taken Report: (To be filled by the concerned faculty / course coordinator)**  
Course Coordinator  
Mentor  
Head of the Department

Head of the Department  
Aeronautical Engineering  
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