INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. GOOTY ROHAN	Department:	Aeronautical Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	Computational Structural Analysis Laboratory	Course Code:	AAEB23
Semester:	VI	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct attaiment	Indirect attaiment	Overall attaiment	Observation
CO1	Apply finite element method to get deflections and displacements at different grid points of a domain using discretization technique	2.30	0.00	2.3	Attained
CO2	Determine the nature of stress-strain distribution for the appropriate governing equations.	2.30	0.00	2.3	Attained
CO3	Demonstrate the computational methods and algorithms that will affect the approximate solution obtained through ANSYS.	2.30	0.00	2.3	Attained
CO4	Solve the parameters of plate subjected to loads using simulation methods to validate numerical and experimental results.	2.30	0.00	2.3	Attained
CO5	Analyze the constitutive behavior of different aircraft grade materials and compare them with experimental results.	2.30	0.00	2.3	Attained
CO6	Analyze the numerical solution of structure problems using discretization methods and convergence criteria to minimize the errors.	2.30	0.00	2.3	Attained

Action Taken:

Course Coordinator

Mentor

Head of the Department
Aeronautical Engineering
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