



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	T Mahesh Kumar	Department:	Aeronautical Engineering
Regulation:	IARE - R16	Batch:	2017 - 2021
Course Name:	Theory of Structures	Course Code:	AAE002
Semester:	III	Target Value:	55% (1.8)

Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO 1	Choose basics of elasticity for determining the mechanical properties in designing aircraft structural components.	2.0	2.4	2.1	Attainment target reached
CO 2	Analyze the effects of various loading conditions on symmetric and un symmetric beams for determining the flexural and shear stresses.	1.7	2.4	1.8	Attainment target reached
CO 3	Make use of different methods such as to find deflections under different loading conditions.	1.3	2.4	1.5	Attainment target is not yet reached
CO 4	Evaluate the buckling of a column using Eigen values and Eigen vectors to understand the required strength of a column.	2.7	2.4	2.6	Attainment target reached
CO 5	Differentiate the different alternative methods available for determining the behaviour of trusses.	1.3	2.4	1.5	Attainment target is not yet reached
CO 6	Utilize the concept of stresses on inclined planes using graphical and analytical method for further comprehension of aircraft structures.	2.0	2.4	2.1	Attainment target reached


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

CO 3: Minor correction of syllabus based on learning curve may be suggested.

CO 5: Application oriented teaching methods may help improving the attainment values.


Course Coordinator


Mentor


Head of the Department
Autonomous Institute of Aeronautical Engineering
Dundigal, Hyderabad - 500 043
HOD