



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Ms. C VIBHA	Department:	Civil Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	Mechanics of Material	Course Code:	ACEB12
Semester:	V	Target Value:	60% (1.8)

Attainment of COs:

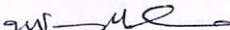
	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Recall the concepts of buckling of columns and struts under axial loading for understanding the behavior of column.	3.00	2.20	2.8	Attained
CO2	Develop the expressions for critical loads and stresses for columns and struts with different end conditions using Euler's and Rankine's methods	3.00	2.20	2.8	Attained
CO3	Analyse the beams and trusses for slopes and deflections subjected to various load combinations using analytical methods	2.70	2.20	2.6	Attained
CO4	Analyse the beams and trusses for slopes and deflections subjected to various load combinations using energy methods	0.90	2.20	1.2	Not Attained
CO5	Analyse propped cantilever and fixed beams to know the shear forces and bending moments at various locations in the beam for designing propped cantilever and fixed beams	0.90	2.20	1.2	Not Attained
CO6	Explain the concepts of clapeyron's theorem of three moments for analysing continuous beams including sinking of supports	2.30	2.20	2.3	Attained


Action Taken:

CO4: Additional materials and Videos are given to understand the analysis of beams for slopes and deflections

CO5: videos and additional materials were given to understand the analysis of propped cantilever and fixed beams


Course Coordinator


Mentor


Head of the Department
Head of the Department
Civil Engineering
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