



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Ms. B. Veera Lakshmi	Department:	CE
Regulation:	IARE - R16	Batch:	2016 - 2020
Course Name:	Strength of Materials - II	Course Code:	ACE004
Semester:	IV	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1 Analyze propped cantilever beams to know the shear forces and bending moments at various locations in the beam for designing propped cantilever beams.	1.60	2.60	1.8	Attainment target reached
CO2 Develop the slope and deflection equations of fixed beams to know the behaviour of indeterminate structures for the design purpose.	1.60	2.50	1.8	Attainment target reached
CO3 Explain the concepts of clapeyron's theorem of three moments for analysing continuous beams including sinking of supports.	2.70	2.70	2.7	Attainment target reached
CO4 Make use of the behavior of structural elements under different loading conditions to tackle real time situations.	2.30	2.50	2.3	Attainment target reached
CO5 Develop the slope and deflection equations of beams subjected to different loads and their combinations using double integration and Macaulay's methods.	1.60	2.60	1.8	Attainment target reached
CO6 Analyse the beams for slopes and deflections subjected to various load combinations with the help of Mohr's theorem, conjugate beam and moment area methods.	2.30	2.70	2.4	Attainment target reached

Action taken report:

B. Veeralekshmi
Course Coordinator

B. Veeralekshmi
Mentor

J. Prasad
HOD
Head of the Department
Civil Engineering
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