



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Dr.U. Vamsi Mohan	Department:	CE
Regulation:	IARE - R16	Batch:	2017 - 2021
Course Name:	Structural Analysis	Course Code:	ACE008
Semester:	V	Target Value:	60% (1.8)

Attainment of COs:

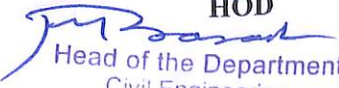
	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Explain various types of pin-jointed frames for selecting suitable truss for use in industrial structures.	2.70	2.50	2.7	Attainment target reached
CO2	Recall various types of arches for selecting appropriate arch in field applications	3.00	2.60	2.9	Attainment target reached
CO3	Make use of energy principles in the analysis of two hinged arches for computing resultant thrust and evaluating secondary stresses due to thermal and rib shortening effects.	3.00	2.80	3.0	Attainment target reached
CO4	Analyze propped cantilever, fixed beam and continuous beam by appropriate methods for computing support moments and reactions	3.00	2.50	2.9	Attainment target reached
CO5	Apply the concepts of slope-deflection and moment distribution methods for analysing continuous beam with and without support settlement and frames with and without side sway.	2.30	2.70	2.4	Attainment target reached
CO6	Apply the concept of rolling loads and influence line diagrams for analyzing beams, bridge girders and trusses in real time problems	0.60	2.70	1.0	Attainment target not reached

Action taken report:

CO6: Tutorial classes are conducted to solve more problems on rolling loads and influence line diagrams.


Course Coordinator


Mentor


HOD
Head of the Department
Civil Engineering
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