



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Dr. M. Venu	Department:	CE
Regulation:	IARE - R16	Batch:	2017 - 2021
Course Name:	Design of Steel Structures and Drawing	Course Code:	ACE012
Semester:	VI	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Recall the concepts of structural steel properties, different loads and their combinations for understanding the behavior of steel structures.	0.90	1.90	1.0	Attainment target not reached
CO2	Explain the concept of limit state design, different limit states, design strengths, deflection limits and serviceability requirements for the designing of steel structural elements	3.00	0.00	2.4	Attainment target reached
CO3	Design bolted and welded connections for joining two or more steel structural elements for the transfer of loads	3.00	0.00	2.4	Attainment target reached
CO4	Design tension members, compression member / column, beams and girders using Indian standard code method.	3.00	0.00	2.4	Attainment target reached
CO5	Design eccentric connections with brackets, beam end connections, web angle and truss joints for large crane movement in industries.	0.70	0.00	0.6	Attainment target not reached
CO6	Design of plate girders with and without stiffeners for designing bridge structures and large span beams.	1.40	0.00	1.1	Attainment target not reached

Action taken report:


CO1: Provide more learning resources on steel properties, different loads and their combinations. So that the students will have clear idea about the topics.

CO5: Need to provide more examples and problems on eccentric connections. So that students will get ore problems solving skills.

CO6: Need to provide more examples and problems on plate girders with and without stiffeners. So that students will get ore problems solving skills.


Course Coordinator


Mentor


Head of the Department
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