



INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. VENU MALAGAVELLI	Department:	Civil Engineering
Regulation:	IARE - R20	Batch:	2020-2024
Course Name:	Steel Structures Design and Drawing	Course Code:	ACEC23
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.	3.00	2.30	2.9	Attained
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	2.30	2.9	Attained
CO3	Design bolted and welded connections for joining two or more steel structural elements for the transfer of loads.	3.00	2.30	2.9	Attained
CO4	Design tension members, compression member / column, beams and girders using Indian standard code method.	2.30	2.30	2.3	Attained
CO5	Design eccentric connections with brackets, beam end connections, web angle and truss joints for large crane movement in industries.	2.30	2.40	2.3	Attained
CO6	Design of plate girders with and without stiffeners for designing bridge structures and large span beams.	1.30	2.30	1.5	Not Attained

Action Taken Report: (To be filled by the concerned faculty / course coordinator)

CO6: For constructing bridge structures and long span beams, more issues and assignments on the design of plate girders with and without stiffeners are required.

M. Yu
Course Coordinator

anw
Mentor

RP
Head of the Department
Civil Engineering
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