



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

STRUCTURAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. PRAVEENA RAO	Department:	Structural Engineering
Regulation:	IARE - MT23	Batch:	2024-2026
Course Name:	Design of Advanced Concrete Structures	Course Code:	BSTD15
Semester:	II	Target Value:	70% (2.1)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Explain the behavior of reinforced concrete sections in flexure for understanding the internal force distribution and failure modes.	3.00	2.30	2.9	Attained
CO2	Interpret the moment-rotation characteristics of RC members for assessing ductility and energy absorption capacity.	3.00	2.30	2.9	Attained
CO3	Analyze ribbed and flat slabs for bending moment and shear for determining critical design actions for structural safety.	3.00	2.40	2.9	Attained
CO4	Evaluate shear transfer from slabs to columns, one-way and two-way shear checks for ensuring compliance with IS code provisions.	3.00	2.30	2.9	Attained
CO5	Design reinforced concrete deep beams and curved beams for providing ductility and load transfer requirements.	3.00	2.30	2.9	Attained
CO6	Detail and design reinforced concrete chimneys for considering stresses due to self-weight, wind load, and temperature differences.	3.00	2.10	2.8	Attained

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

Praveena Rao
Course Coordinator

M.V.
Mentor

Remya Sulthe
Head of the Department

Head of the Department
Civil Engineering
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