


INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

STRUCTURAL ENGINEERING
ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. R RAMYA SWETHA	Department:	Structural Engineering
Regulation:	IARE - MT23	Batch:	2024-2026
Course Name:	Rehabilitation and Retrofitting of Structures	Course Code:	BSTD22
Semester:	II	Target Value:	70% (2.1)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Classify different types of damage in structures due to accidental or cyclic loads for understanding the behavior and failure modes.	3.00	2.40	2.9	Attained
CO2	Explain maintenance, repair, and rehabilitation for determining the damage and identifying the best repairs techniques.	3.00	2.00	2.8	Attained
CO3	Perform a systematic assessment of damages in reinforced concrete for recommending repair and rehabilitation techniques against corrosion.	3.00	2.20	2.8	Attained
CO4	Identify forms of surface deterioration, including cracking, spalling, and corrosion for understanding the appropriate preventive measures.	3.00	2.20	2.8	Attained
CO5	Explore modern techniques such as Guniting and Shotcrete for enhancing structural reinforcement and repair.	3.00	2.30	2.9	Attained
CO6	Examine the non-destructive methods of damage detection for assessing the extent of deterioration and planning repairs.	3.00	2.60	2.9	Attained

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

Course Coordinator

Mentor

Head of the Department
Civil Engineering
INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad - 500 043.