



STRUCTURAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. N VENKAT RAO	Department:	Structural Engineering
Regulation:	IARE - PG21	Batch:	2021-2023
Course Name:	Retrofitting and Rehabilitation of Structures	Course Code:	BSTC22
Semester:	II	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Explain the damage mechanism and preventive measures for protecting the structure from damages.	3.00	2.50	2.9	Attained
CO2	Interpret the importance and facets of maintenance for scheduling regular inspection of residential and industrial structures.	1.60	2.50	1.8	Attained
CO3	Summarize corrosion protection methods of steel and deterioration of materials for protecting structures from rusting and fatigue failures.	0.90	2.10	1.1	Not Attained
CO4	Identify the materials and technics of repair for rehabilitation and retrofitting of structures.	3.00	2.60	2.9	Attained
CO5	Make use of non-destructive testing procedures, demolition methods for assessing and improving the performance of structures.	2.30	2.20	2.3	Attained
CO6	Select suitable engineered and non-engineered techniques in existing structures for strengthening and demolition.	1.60	2.20	1.7	Not Attained

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

CO3: Conducted case studies of real-world structures affected by corrosion and fatigue, highlighting remedial actions.

CO6: Conducted a seminar on "Construction Technologies for Speedy Delivery of Structures", highlighting methods for structural strengthening and demolition.

Course Coordinator

Mentor

Head of the Department
Head of the Department
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