



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

## STRUCTURAL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. AKASAM RAJESH	Department:	Structural Engineering
Regulation:	IARE - MT23	Batch:	2023-2025
Course Name:	Advanced Concrete Laboratory	Course Code:	BSTD12
Semester:	I	Target Value:	80% (2.4)


#### Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Construct the stress-strain curve of high strength concrete for the design of RC structures.	3.00	0.00	3	Attained
CO2	Develop the correlation between cube strength and cylinder strength for understanding the different codal provisions other than IS.	3.00	0.00	3	Attained
CO3	Determine the relation between compressive strength and split tensile strength for the analysis of concrete in tension.	3.00	0.00	3	Attained
CO4	Identify the relation between the compressive strength and modulus of rupture of concrete for understanding the behavior of concrete in rupture.	3.00	0.00	3	Attained
CO5	Conduct Non-Destructive testing on concrete members using rebound hammer and ultrasonic pulse velocity.	3.00	0.00	3	Attained
CO6	Interpret the behavior of beams under flexure, shear, and torsion for designing structural elements.	3.00	0.00	3	Attained

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

  
Course Coordinator

  
Mentor

  
Head of the Department  
Head of the Department  
Civil Engineering  
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