



INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. N VENKAT RAO	Department:	Civil Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	Concrete Technology	Course Code:	ACEB26
Semester:	V	Target Value:	50% (1.5)

Attainment of COs:

	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Recall the basic physical and chemical properties of construction materials for determining quality of concrete.	1.60	2.30	1.7	Attained
CO2	Identify the soundness of aggregate based on their characteristics for deciding their suitability in construction practice	2.30	2.40	2.3	Attained
CO3	Explain the workability and factors influencing workability by identifying the condition of fresh concrete	1.30	2.40	1.5	Attained
CO4	Explain the steps involved in manufacture of concrete for obtaining economical and durable concrete	0.90	2.30	1.2	Not Attained
CO5	Analyze the impact of water/cement ratio on strength and durability of concrete by measuring its hardened strength	1.30	2.30	1.5	Attained
CO6	Apply destructive and Non-destructive tests on hardened concrete for calculating compressive, tensile and flexural strengths	0.90	2.30	1.2	Not Attained

Action Taken:

CO4: digital content and videos are given to understand the manufacturing process of concrete for obtaining economical and durable concrete.
CO6: Additional material are provided to understand the process of destructive and Non-destructive tests on concrete


Course Coordinator


Mentor


Head of the Department

Head of the Department
Civil Engineering
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