



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. K ANAND GOUD	Department:	Civil Engineering
Regulation:	IARE - R20	Batch:	2020-2024
Course Name:	Concrete Technology	Course Code:	ACEC10
Semester:	IV	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Choose the basic physical and chemical properties of construction materials for determining quality of concrete.	0.90	2.40	1.2	Not Attained
CO2	Explain the workability and manufacturing process of concrete for obtaining economical and durable concrete	0.90	2.40	1.2	Not Attained
CO3	Inspect the impact of water/cement ratio on strength and durability of concrete by measuring its hardened strength	0.90	2.40	1.2	Not Attained
CO4	Apply destructive and Non-destructive tests of hardened concrete for calculating compressive, tensile and flexural strengths	0.90	2.40	1.2	Not Attained
CO5	Develop the most economical and eco-friendly concrete mix based on standard methods for producing quality of concrete	2.30	2.40	2.3	Attained
CO6	Examine special concretes and new generation concrete for satisfying the future needs of industry in real time	0.60	2.40	1	Not Attained

Action Taken:

CO1: Giving assignments and conducting tutorials on Choosing the basic physical and chemical properties of construction materials for determining the quality of concrete.

CO2: Providing more information and assignments on Explaining the workability and manufacturing process of concrete for obtaining economical and durable concrete

CO3: Additional inputs will be provided on Inspect the impact of water/cement ratio on the strength and durability of concrete by measuring its hardened strength

CO4: Need to provide more problems and assignments on Applying destructive and Non-destructive tests of hardened concrete for calculating compressive, tensile, and flexural strengths

CO6: Giving assignments and conducting tutorials on examining special concretes and new generation concrete for satisfying the future needs of industry in real-time


Course Coordinator


Mentor


Head of the Department

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