



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Mr. K. Anand Goud	Department:	CE
Regulation:	IARE - R16	Batch:	2017 – 2021
Course Name:	Concrete Technology	Course Code:	ACE010
Semester:	V	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.	1.60	2.50	1.8	Attainment target reached
CO2	Explain the workability and manufacturing process of concrete for obtaining economical and durable concrete.	2.30	2.60	2.4	Attainment target reached
CO3	Inspect the impact of water/cement ratio on strength and durability of concrete by measuring its hardened strength.	0.90	2.80	1.3	Attainment target not reached
CO4	Apply the concepts of destructive and non-destructive tests on hardened concrete for calculating compressive, tensile and flexural strength.	0.90	2.50	1.2	Attainment target not reached
CO5	Develop the most economical and eco-friendly concrete mix based on standard methods for producing quality of concrete.	1.60	2.70	1.8	Attainment target reached
CO6	Examine special concretes and new generation concrete for satisfying the future needs of industry in real time.	0.90	2.70	1.3	Attainment target not reached

Action taken report:


CO3: Provide more learning resources on impact of water/cement ratio on strength and durability of concrete.

CO4: Provide more learning resources on economical and eco-friendly concrete mix.

CO6: Provide more learning resources on special concretes and new generation concrete.


Course Coordinator


Mentor


HOD
Head of the Department
Civil Engineering
INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad - 500.043