



**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 Laboratory	Course Code:	ACEC11
Semester:	IV	Target Value:	60% (1.8)

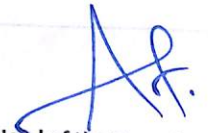
**Attainment of COs:**

	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Recall the basic properties of cement and aggregates for determining their suitability through various laboratory tests.	3.00	0.00	3	Attained
CO2	Determine physical and chemical properties of cement in laboratory for deciding its suitability in construction practice.	3.00	0.00	3	Attained
CO3	Determine the specific gravity of cement for estimating quantity in mix design.	3.00	0.00	3	Attained
CO4	Examine the fineness modulus of aggregates and bulking of sand for producing good quality concrete.	3.00	0.00	3	Attained
CO5	Measure the workability of fresh concrete for identifying the condition of plastic concrete.	3.00	0.00	3	Attained
CO6	Determine Compressive strength of cement concrete for accepting in construction practice	3.00	0.00	3	Attained

**Action Taken:**

  
Course Coordinator

  
Mentor

  
Head of the Department  
Head of the Department  
Civil Engineering  
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