



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## CIVIL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. KANAND GOUD	Department:	Civil Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	MATERIALS, TESTING AND EVALUATION	Course Code:	ACEB08
Semester:	IV	Target Value:	60% (1.8)

#### Attainment of COs:

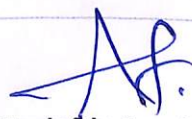
	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Classify the construction materials based on their behaviour for using in various construction fields.	2.30	2.30	2.3	Attained
CO2	Explain the mechanical behaviour of steel and concrete by standard testing procedures for identifying their performance.	3.00	2.30	2.9	Attained
CO3	Explain fundamentals of fracture mechanics to describe the pattern of fracture developed due to fatigue.	1.60	2.30	1.7	Not Attained
CO4	Explain composition of metals and testing procedures of construction materials for estimating their engineering properties.	3.00	2.30	2.9	Attained
CO5	Explain special materials like polymers, composites used in construction for satisfying the future needs of industry.	3.00	2.30	2.9	Attained
CO6	Select suitable Cementitious materials to substantiate cement in concrete structures for producing ecofriendly/green concrete.	2.30	2.30	2.3	Attained

#### Action Taken:

CO3: Additional materials and Videos are provided

  
Course Coordinator

  
Mentor

  
Head of the Department  
Head of the Department  
Civil Engineering  
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