



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## CIVIL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. S SIVA RAMAKRISHNA	Department:	Civil Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	STRENGTH OF MATERIALS LABORATORY	Course Code:	ACEB11
Semester:	IV	Target Value:	60% (1.8)


#### Attainment of COs:

	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Analyze young's modulus of a mild steel bar for the calculation of tension using Universal testing machine	3.00	0.00	3	Attained
CO2	Analyze the beams under point loads for computing shear force, bending moment, slope and deflection in designing structures	3.00	0.00	3	Attained
CO3	Determine the modulus of rigidity of a given shaft for calculating the angle of twist under torsional loading	3.00	0.00	3	Attained
CO4	Analyze the impact strength of steel specimen using Izod and Charpy test for the characterization under suddenly applied load acting on a specimen	3.00	0.00	3	Attained
CO5	Determine the compressive strength of concrete and grade of concrete for designing structures	3.00	0.00	3	Attained
CO6	Analyze stiffness and modulus of rigidity of the spring wire for designing structural components which are used in construction	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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