

**INSTITUTE OF AERONAUTICAL ENGINEERING**

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

CIVIL ENGINEERING**ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT**


Name of the faculty:	Ms. B BHAVANI	Department:	Civil Engineering
Regulation:	IARE - BT23	Batch:	2023-2027
Course Name:	Strength of Materials Laboratory	Course Code:	ACED05
Semester:	III	Target Value:	70% (2.1)


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 shock absorbers in aerospace and automobile industries.	3.00	0.00	3	Attained

Action Taken Report: (To be filled by the concerned faculty / course coordinator)


Course Coordinator


Mentor


Head of the Department
Head of the Department
Civil Engineering
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