



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## CIVIL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Ms. SURBHI R THAREWAL	Department:	Civil Engineering
Regulation:	IARE - R18	Batch:	2018-2022
Course Name:	Reinforced Concrete Structures Drawing Laboratory	Course Code:	ACEB21
Semester:	VI	Target Value:	60% (1.8)


#### Attainment of COs:

	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Recall basic concepts of reinforced concrete design, material stress-strain curves, and safety factors to know the properties of concrete structure	3.00	0.00	3	Attained
CO2	Explain the concept of Stress block parameters and use the design concept of working stress method, limit state method for designing different structural components	3.00	0.00	3	Attained
CO3	Explain the concept of bond, anchorage and development length and section for shear and torsion for safe designing of residential, commercial and industrial structures	3.00	0.00	3	Attained
CO4	Solve singly reinforced, doubly reinforced, T, L beam sections as per IS: 456-2000 for obtaining the reinforcement details in load bearing members	3.00	0.00	3	Attained
CO5	Solve One-way, Two-way, slabs sections as per IS: 456-2000 for obtaining the reinforcement details in load bearing members	3.00	0.00	3	Attained
CO6	Develop the concept of Axial loading uni-axial and bi-axial bending of vertically loaded members, isolated and Combined footing to obtain reinforcement details	3.00	0.00	3	Attained

Action taken report:

  
Course Coordinator

  
Mentor

  
Head of the Department  
Head of the Department  
Civil Engineering  
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