



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. GUDE RAMA KRISHNA	Department:	Civil Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	Design of Concrete Structures - I	Course Code:	ACEB34
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	2.20	2.8	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 .	2.70	2.20	2.6	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	2.20	2.8	Attained
CO4	Design reinforcement structural sections for shear, torsion and bond for obtaining the reinforcement details	3.00	2.20	2.8	Attained
CO5	Solve singly reinforced, doubly reinforced, T, L beam and slabs sections as per IS: 456-2000 for obtaining the reinforcement details in load bearing members.	2.70	2.10	2.6	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.	2.70	2.20	2.6	Attained

Action Taken:


Course Coordinator


Mentor


Head of the Department
Head of the Department
Civil Engineering
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