



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:	Prestressed Concrete Structures	Course Code:	ACEB46
Semester:	VIII	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Recall the concepts of stresses and strains developed within the structures subjected to different loads and their combinations for understanding the behavior of prestressed concrete structures	2.40	2.30	2.4	Attained
CO2 Explain the concept of methods of pre and post tensioning and the systems of prestressing for the designing of prestressed concrete structural elements	2.10	2.20	2.1	Attained
CO3 Estimate the losses in the prestress and post tensioned members for the efficient design of prestressed concrete structures	2.70	2.30	2.6	Attained
CO4 Design prestressed and post tensioned structural elements using Indian standard code method	2.10	2.20	2.1	Attained
CO5 Explain the concepts of transfer of prestress in pre and post tensioned members by bond and transmission length using Indian standard code method	2.10	2.20	2.1	Attained
CO6 Design the composite prestressed concrete structural elements subjected to flexure and shear for designing multi storied structures	2.10	2.20	2.1	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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