



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. VENU MALAGAVELLI	Department:	Civil Engineering
Regulation:	IARE - R20	Batch:	2020-2024
Course Name:	Prestressed Concrete Structures	Course Code:	ACEC40
Semester:	VII	Target Value:	60% (1.8)


Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Explain the concept of methods of pre and post tensioning and the systems of prestressing for the designing of prestressed concrete structural elements.	3.00	2.20	2.8	Attained
CO2 Estimate the losses in the prestress and post tensioned members for the efficient design of prestressed concrete structures.	3.00	2.20	2.8	Attained
CO3 Analyse prestressed concrete structural elements subjected to flexure for the design purpose.	3.00	2.20	2.8	Attained
CO4 Design prestressed concrete structural elements subjected to shear using Indian standard code method.	2.10	2.20	2.1	Attained
CO5 Apply the concepts of transfer of prestress in pre and post tensioned members through bond for effective utilisation of prestressing force.	2.70	2.20	2.6	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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