


**INSTITUTE OF AERONAUTICAL ENGINEERING**  
 (Autonomous)

Dundigal, Hyderabad - 500043, Telangana

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

Name of the faculty:	Dr. M MADHUSUDHAN REDDY	Department:	Civil Engineering
Regulation:	IARE - R20	Batch:	2020-2024
Course Name:	Geotechnical Engineering	Course Code:	ACEC24
Semester:	VI	Target Value:	60% (1.8)

**Attainment of COs:**

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 List out the procedure of soil formation, soil structure, clay mineralogy and index proportion for classifying the soil types.	1.60	2.30	1.7	Not Attained
CO2 Demonstrate the concepts of permeability and seepage flow net for estimating seepage losses from earthen dams.	1.60	2.30	1.7	Not Attained
CO3 Summarize stress distribution in soils at different loading conditions based on various theories for estimating intensity of pressure on soil. for estimating intensity of pressure on soil.	3.00	2.30	2.9	Attained
CO4 Relate the effect of compaction and consolidation pressures for estimating the total settlement, time rate of settlement	1.60	2.30	1.7	Not Attained
CO5 Recognize different stages of consolidation for predicting stress history on clays.	1.60	2.30	1.7	Not Attained
CO6 Compare Mohrs- columbs failure theories and lab tests for determining shear strength of soils at various drainage conditions.	0.90	2.30	1.2	Not Attained

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

CO1: More details on soil formation, soil structure, clay mineralogy, determining the grain size, and index proportion will be presented in order to defir of soil.

CO2: assigning homework projects and running lectures on the seepage flow net and permeability concepts for calculating and managing seepage losses from e

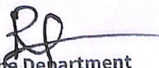
CO4: Assigning homework projects and running lectures on the the total settlement, time rate of settlement

CO5: Entrusting homework projects and running lectures on the stress history on clays.

CO6: Giving homework projects and running lectures on the shear strength of soils at various drainage conditions

  
Course Coordinator

  
Mentor

  
Head of the Department  
Head of the Department  
Civil Engineering  
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