



# INSTITUTE OF AERONAUTICAL ENGINEERING (Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## CIVIL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	<b>Dr. M MAHESWARA RAO</b>	Department:	<b>Civil Engineering</b>
Regulation:	<b>IARE - UG20</b>	Batch:	<b>2021-2025</b>
Course Name:	<b>Geotechnical Engineering</b>	Course Code:	<b>ACEC24</b>
Semester:	<b>VI</b>	Target Value:	<b>60% (1.8)</b>

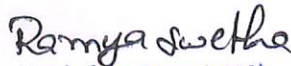
#### Attainment of COs:

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.	3.00	2.20	2.8	Attained
CO2 Demonstrate the concepts of permeability and seepage flow net for estimating seepage losses from earthen dams.	3.00	2.20	2.8	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	2.20	2.8	Attained
CO4 Relate the effect of compaction and consolidation pressures for estimating the total settlement, time rate of settlement	2.70	2.20	2.6	Attained
CO5 Recognize different stages of consolidation for predicting stress history on clays.	3.00	2.20	2.8	Attained
CO6 Compare Mohrs- columbs failure theories and lab tests for determining shear strength of soils at various drainage conditions.	3.00	2.20	2.8	Attained

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

  
Course Coordinator

  
Mentor

  
Head of the Department  
Civil Engineering  
INSTITUTE OF AERONAUTICAL ENGINEERING  
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