



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. VEMULA ANAND REDDY	Department:	Civil Engineering
Regulation:	IARE - R18	Batch:	2018-2022
Course Name:	Geotechnical Engineering	Course Code:	ACEB19
Semester:	VI	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1 Recall the procedure of soil formation, soil structure, clay mineralogy, determine the grain size and index proportion for classifying the soil types.	1.40	2.20	1.6	Not Attained
CO2 Explain the concepts of permeability and seepage flow net for estimating and controlling the seepage losses from earthen dams.	1.40	2.20	1.6	Not Attained
CO3 Summarize stress distribution in soils at different loading conditions based on various theories for estimating intensity of pressure on soil.	0.90	2.20	1.2	Not Attained
CO4 Relate the effect of compaction and consolidation pressures for estimating the total settlement and time rate of settlement.	3.00	2.20	2.8	Attained
CO5 Recognize different stages of consolidation for predicting stress history on clays.	2.30	2.20	2.3	Attained
CO6 Compare Mohrs- columbs failure theories and lab tests for determining shear strength of soils at various drainage conditions.	2.70	2.20	2.6	Attained

Action taken report:

CO1:

Additional inputs will be provided on soil formation, soil structure, clay mineralogy, determines the grain size and index proportion for classifying the soil types.

CO2:

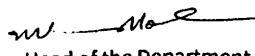
Giving assignments and conducting tutorials on concepts of permeability and seepage flow net for estimating and controlling the seepage losses from earthen dams.

CO3:

Providing more information and assignments on concepts of stress distribution in soils at different loading conditions.


Course Coordinator


Mentor


Head of the Department,
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