



# INSTITUTE OF AERONAUTICAL ENGINEERING (Autonomous)

Dundigal, Hyderabad - 500 043  
CIVIL ENGINEERING

## ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Mr. N. Venkat Rao	Department:	CE
Regulation:	IARE - R16	Batch:	2016 - 2020
Course Name:	Foundation Engineering	Course Code:	ACE018
Semester:	VIII	Target Value:	60% (1.8)

### Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Recall the methods of soil exploration and sampling for characterization of soils at different depth from ground level.	1.70	2.60	1.9	Attainment target reached
CO2	Summarize the finite and infinite slopes of soil to provide the safety against slope failures.	0.00	2.60	0.5	Attainment target not reached
CO3	Identify the type of earth pressure to choose appropriate design parameters for construction of retaining walls	1.70	2.70	1.90	Attainment target reached
CO4	Illustrate the bearing capacity of an area to select the type of foundation for construction of residential, public and industrial structures	3.00	0.00	2.4	Attainment target reached
CO5	Identify the load carrying capacity and settlement of pile foundations for estimating bearing capacity in construction of various infrastructure projects, public and industrial structures	3.00	0.00	2.4	Attainment target reached
CO6	Classify different shapes and components of well foundations for construction of bridges and harbors	3.00	0.00	2.4	Attainment target reached

### Action taken report:

CO2: Need to provide more problems and assignments on finite and infinite slopes of soil. So that students will have more problem solving skills.

*N. Venkat Rao*  
Course Coordinator

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Mentor

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