



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## CIVIL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. P SREEKANTH REDDY	Department:	Civil Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	Foundation Engineering	Course Code:	ACEB38
Semester:	VII	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.	0.90	2.30	1.2	Not Attained
CO2	Summarize the finite and infinite slopes of soil to provide the safety against slope failures.	0.60	2.30	0.9	Not Attained
CO3	Identify the type of earth pressure to choose appropriate design parameters for construction of retaining walls.	0.90	2.30	1.2	Not Attained
CO4	Illustrate the bearing capacity of an area to select the type of foundation for construction of residential, public and industrial structures.	0.90	2.30	1.2	Not Attained
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.	0.60	2.30	0.9	Not Attained
CO6	Classify different shapes and components of well foundations for construction of bridges and harbors.	0.60	2.30	0.9	Not Attained

#### Action Taken:

CO1: Additional materials are provide so that students can understand the characterization of soils

CO2: Video lectures and case studies are provide to understand the various slope failures


CO3: Digital content and Assignments are given to understand the design of retaining walls


CO4: Digital content is provided to understand the bearing capacity of soil for the construction of foundations.

CO5: video lectures and additional materials are provided to identify the load carrying capacity and settlement of pile foundations

CO6: additional materials are provided to classify well foundations

  
Course Coordinator

  
Mentor

  
Head of the Department  
Head of the Department  
Civil Engineering  
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Dundigal, Hyderabad - 500 043