INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Mr. KANDUKURI LOKESH**	Department:	**Civil Engineering**
Regulation:	**IARE - R18**	Batch:	**2018-2022**
Course Name:	**Foundation Engineering**	Course Code:	**ACEB38**
Semester:	**VII**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct attaiment	Indirect attaiment	Overall attaiment	Observation
CO1	Recall the methods of soil exploration and samplingfor characterization of soils at different depth from ground level.	2.30	2.40	2.3	Attained
CO2	Summarize the finite and infinite slopes of soil to provide the safety against slope failures.	0.90	2.30	1.2	Not Attained
CO3	Identify the type of earth pressure to choose appropriate design parameters for construction of retaining walls.	1.60	2.30	1.7	Not Attained
CO4	Illustrate the bearing capacity of an area to select the type of foundation for construction of residential, public and industrial structures.	0.30	2.30	0.7	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.	1.00	2.30	1.3	Not Attained
CO6	Classify different shapes and components of well foundations for construction of bridges and harbors.	0.00	2.30	0.5	Not Attained

Action taken report:

CO2:

Additional inputs will be provided to summarize the finite and infinite slopes of soil to provide safety against slope failures.

CO3:

Giving assignments and conducting tutorials on earth pressure to choose appropriate design parameters for the construction of retaining walls.

CO4:

Provide more problems and assignments on the bearing capacity of an area to select the type of foundation for the construction of residential, public, and industrial structures.

CO5:

Providing more information and assignments on concepts of load-carrying capacity and settlement of pile foundations which enables the students to gain more problem-solving skills.

CO6:

Conducting guest lectures on well foundations for the construction of bridges and harbors enables the students to gain more problem-solving skills.

Course Coordinator

Mentor

Head of the Department

Head of the Department
Civil Engineering
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