



CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. GUDE RAMA KRISHNA	Department:	Civil Engineering
Regulation:	IARE - R20	Batch:	2020-2024
Course Name:	Ground Improvement Techniques	Course Code:	ACEC47
Semester:	VIII	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Recall the problems associated with existing ground conditions to propose a suitable method for ground improvement.	2.30	2.30	2.3	Attained
CO2 Explain the various methods of mechanical modification to increase the bearing capacity of soil.	1.30	2.30	1.5	Not Attained
CO3 Interpret the existing ground condition for design of the dewatering systems to control the seepage of ground water.	1.60	2.20	1.7	Not Attained
CO4 Select the appropriate geosynthetics to increase the bearing capacity of the subgrade soil.	1.70	2.30	1.8	Attained
CO5 Identify the suitable grouting technique based on the in-situ evidences to prevent the foundation settlements.	1.30	2.30	1.5	Not Attained
CO6 Choose the appropriate soil -reinforcement techniques to increase the stability of soils.	2.00	2.30	2.1	Attained

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

CO2: Conducting a workshop on "Challenges in Ground Conditions and Methods for Ground Improvement."

CO3: training programs focused on geotechnical engineering to comprehend prevailing ground conditions crucial for designing effective dewatering systems.

CO5: Organizing invited lectures on grouting techniques based on in-situ evidence analysis.


Course Coordinator


Mentor


Head of the Department