



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## CIVIL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. R SURESH KUMAR	Department:	Civil Engineering
Regulation:	IARE - UG20	Batch:	2021-2025
Course Name:	Environmental Engineering	Course Code:	ACEC34
Semester:	VII	Target Value:	60% (1.8)

#### Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Identify the importance of water demand including types of demand according to population forecasts for supplying the water to meet the public needs.	3.00	2.10	2.8	Attained
CO2 Illustrate the general layout of various units in waste water treatment plant and treatment process to remove the large suspended particles from waste water and for reuse.	3.00	2.10	2.8	Attained
CO3 List out the various concepts of conservancy and water carriage systems for arranging the pipe line system to transfer the sewage and storm water to treatment plant.	3.00	2.00	2.8	Attained
CO4 Discuss the need for the ultimate disposal of sewage and dilution to allow human and industrial effluents to be disposed of without damage to the natural environment.	3.00	2.10	2.8	Attained
CO5 Discover the waste water treatment process via primary sedimentation and secondary sedimentation for removing the suspended particle from the collected waste water.	3.00	2.10	2.8	Attained
CO6 Choose the design concept of oxidation ponds, sludge digestion tanks and septic tanks working principles for ultimate disposal of sludge.	3.00	2.10	2.8	Attained

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

  
Course Coordinator

  
Mentor

  
Head of the Department  
Civil Engineering  
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