



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

CIVIL ENGINEERING


ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. NANNA SRI RAMYA	Department:	Civil Engineering
Regulation:	IARE - UG20	Batch:	2022-2026
Course Name:	Hydrology and Water Resources Engineering	Course Code:	ACEC15
Semester:	V	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Interpret the components of water cycle and its measurement for evolving the effects of hydrology.	3.00	2.40	2.9	Attained
CO2	Summarize the factors effecting the rate of evaporation and infiltration for reducing the water loss in the environment	3.00	2.40	2.9	Attained
CO3	Develop a unit hydrograph based on stream flow data for preventing hydraulic system flood problems.	2.70	2.40	2.6	Attained
CO4	Illustrate the geological formations capable of storing and transporting groundwater and radial movement for improving the yield of water table in the aquifers.	3.00	2.50	2.9	Attained
CO5	Identify the basic requirements of irrigation and various techniques to supply water improving the production of crops.	3.00	2.40	2.9	Attained
CO6	Classify the various hydraulic structures such as, dams, spillways and canals on the basis of hydraulic design Considerations for Storing and transporting water efficiently and economically	3.00	2.40	2.9	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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