



**INSTITUTE OF AERONAUTICAL ENGINEERING**  
(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

**CIVIL ENGINEERING**

**ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT**

Name of the faculty:	Ms. NANNA SRI RAMYA	Department:	Civil Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	HYDROLOGY AND WATER RESOURCES ENGINEERING	Course Code:	ACEB18
Semester:	VI	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	2.30	2.40	2.3	Attained
CO3	Develop a unit hydrograph based on stream flow data for preventing hydraulic system flood problems.	0.90	2.40	1.2	Not 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.	0.90	2.40	1.2	Not Attained
CO5	Identify the basic requirements of irrigation and various techniques to supply water improving the production of crops.	2.30	2.40	2.3	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.	0.90	2.40	1.2	Not Attained

**Action Taken:**


CO3: Additional materials like case studies and Assignments are given

CO4: Assignments and video lectures are provided to study the movement of ground water.

CO6: Various case studies and video lectures are given to understand the classification of dams

  
Course Coordinator

  
Mentor

  
Head of the Department  
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