



INSTITUTE OF AERONAUTICAL ENGINEERING (Autonomous)

Dundigal, Hyderabad - 500 043
CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Mrs. N. Sri Ramya	Department:	CE
Regulation:	IARE - R16	Batch:	2016 - 2020
Course Name:	Water Resources Engineering	Course Code:	ACE014
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 for evolving the effects of hydrology.	0.90	2.50	1.2	Attainment target not reached
CO2 Develop unit hydrograph based on stream flow data for preventing hydraulic flood problems.	0.90	2.50	1.2	Attainment target not reached
CO3 Choose the concepts of ground water flow in confined and unconfined aquifers for the measuring well yield.	0.90	2.60	1.2	Attainment target not reached
CO4 Summarize different aquifer properties and their uses for constructing wells.	0.90	2.70	1.3	Attainment target not reached
CO5 Identify the basic requirements of irrigation and various techniques of supply water for improving production.	0.90	2.60	1.2	Attainment target not reached
CO6 Design irrigation canals by using Kennedy's and Lacey's theory for improving efficiency of flow.	0.90	2.70	1.3	Attainment target not reached

Action taken report:

CO1: To provide more learning resources so that students acquire clear idea about components of water cycle

CO2: To provide more learning resources so that students acquire clear idea about unit hydrograph

CO3: To provide more learning resources so that students acquire clear idea about concepts of ground water flow in confined and unconfined aquifers

CO4: To provide more learning resources so that students acquire clear idea about different aquifer properties and their uses

CO5: To provide more learning resources so that students acquire clear idea about basic requirements of irrigation

CO6: To provide more learning resources so that students acquire clear idea about Kennedy's and Lacey's theory

N. Sri Ramya
Course Coordinator

N. Sri Ramya
Mentor

J. Basu
Head of the Department HOD
Civil Engineering
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