



# 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:	2017- 2021
Course Name:	Hydraulics and Hydraulic Machinery	Course Code:	ACE011
Semester:	V	Target Value:	60% (1.8)

### Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Summarize the types and geometrical properties of the open channels for designing the most economical sections.	2.00	2.50	2.1	Attainment target reached
CO2	Apply the methods of dimensional analysis for analyzing model and prototype.	1.60	2.60	1.8	Attainment target reached
CO3	Utilize the concept of working applications on impact of jets for developing the velocity triangles.	2.30	2.80	2.4	Attainment target reached
CO4	Make use of angular momentum principle for determining the effect of hydrodynamic force on jets.	3.00	2.50	2.9	Attainment target reached
CO5	Choose the appropriate turbines for designing efficient hydro power plant.	3.00	2.70	2.9	Attainment target reached
CO6	Analyze the various types of pumps and performance for determining its efficiency.	3.00	2.70	2.9	Attainment target reached

### Action taken report:

Course Coordinator

Mentor

HOD

Head of the Department  
Civil Engineering  
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