CIVIL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Ms. DURGA SHARMA	Department:	Civil Engineering
Regulation:	IARE - R18	Batch:	2018-2022
Course Name:	FLUID MECHANICS	Course Code:	ACEB06
Semester:	IV	Target Value:	60% (1.8)

Attainment of COs:
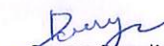
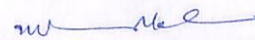|	Course Outcome	Direct attaiment	Indirect attaiment	Overall attaiment	Observation
CO1	Recall basic principles and concepts of Fluid Mechanics for ascertaining differences between solids and fluids.	3.00	2.30	2.9	Attained
CO2	Utilize sound knowledge of fundamental properties of fluids and fluid continuum, principle of manometry, Archimedes's for measuring pressure and analysing hydro-static forces on various types of floating and immersed bodies	1.60	2.60	1.8	Attained
CO3	Interpret different types of fluid flows, concept of continuity equation for analyzing velocity potential functions and flownet	2.30	2.40	2.3	Attained
CO4	Make use of Euler's, Bernoulli's and Momentum equation for understanding concepts of dynamics of fluid flows	1.00	2.70	1.3	Not Attained
CO5	Understand the concept of Boundary layer theory, Navier-Stoke's Equations, Vonkarmen momentum integral equation for analysing fluid flow and estimating boundary layer thickness	1.00	2.60	1.3	Not Attained
CO6	Apply the principles of dimensional analysis for building the relation between model and prototypes	1.70	2.60	1.9	Attained

Action taken report:

CO4:
Providing more information and assignments on the use of Euler's, Bernoulli's, and Momentum equations for understanding concepts of dynamics of fluid flows

CO5:
Conducting guest lectures on the concept of Boundary layer theory, Navier-Stokes Equations, and Vonkarmen momentum integral equation for analyzing fluid flow and estimating boundary layer thickness

Course Coordinator

Mentor

Head of the Department