MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Dr. PRAVAT RANJAN PATI**	Department:	**Mechanical Engineering**
Regulation:	**IARE - R18**	Batch:	**2019-2023**
Course Name:	**Fluid Thermal Modeling and Simulation Laboratory**	Course Code:	**AMEB25**
Semester:	**VI**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct attaiment	Indirect attaiment	Overall attaiment	Observation
CO1	Demonstrate the application of finite element method for analyzing 2D fluid flow problems	2.40	0.00	2.4	Attained
CO2	Make use of AnsysCFX or Solid Works Flow Simulation for analyzing simple fluid flow problems.	2.40	0.00	2.4	Attained
CO3	Develop the Matlab code for analyzing 2D fluid flow problems.	2.40	0.00	2.4	Attained
CO4	Make use of Ansys or Solid Works Flow Simulation for analyzing simple heat transfer problems.	2.40	0.00	2.4	Attained
CO5	Make use of AnsysFluent for analyzing conjugate heat transfer.	2.40	0.00	2.4	Attained
CO6	Make use of Ansys for analyzing thermal stress in piston.	2.40	0.00	2.4	Attained

Action Taken:

Course Coordinator	Mentor	Head of the Department

Head of the Department
Mechanical Engineering
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