



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## STRUCTURAL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. K ANAND GOUD	Department:	Structural Engineering
Regulation:	IARE - PG21	Batch:	2021-2023
Course Name:	PHASE - II DISSERTATION	Course Code:	BSTC32
Semester:	IV	Target Value:	70% (2.1)

#### Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Formulate detailed research objectives and plans for addressing identified gaps in structural engineering.	1.60	0.00	1.6	Not Attained
CO2	Conduct advanced simulations or experimental studies using modern tools and techniques relevant to structural systems.	1.60	0.00	1.6	Not Attained
CO3	Interpret complex data sets using suitable analytical or computational approaches for validating hypotheses.	1.60	0.00	1.6	Not Attained
CO4	Demonstrate critical thinking for refining design methodologies based on iterative findings.	1.60	0.00	1.6	Not Attained
CO5	Compile and present the dissertation using standard academic and technical communication formats.	1.60	0.00	1.6	Not Attained
CO6	Apply ethical principles and professional standards for executing and documenting structural engineering research.	1.60	0.00	1.6	Not Attained

#### Action Taken Report: (To be filled by the concerned faculty / course coordinator)

CO1: Formulate detailed research objectives and plans for addressing identified gaps in structural engineering.

CO2: Delivered lectures on the use of modern computational tools such as STAAD.Pro, ANSYS, ETABS, and MATLAB for structural analysis.

CO3: Guided students in selecting appropriate analytical or computational approaches based on the type and complexity of data.


CO4: Assigned exercises requiring students to critically assess design assumptions and propose improvements.

CO5: Discussed ethical considerations in research documentation, including plagiarism avoidance and proper citation.

CO6: Apply ethical principles and professional standards for executing and documenting structural engineering research.

  
Course Coordinator

  
Mentor

  
Head of the Department  
Civil Engineering  
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