



# 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 - MT23	Batch:	2023-2025
Course Name:	Dissertation Work Review - III	Course Code:	BSTD35
Semester:	IV	Target Value:	80% (2.4)

#### 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.	1.20	0.00	1.2	Not Attained
CO2	Conduct advanced simulations or experimental studies using modern tools and techniques relevant to structural systems.	1.20	0.00	1.2	Not Attained
CO3	Interpret complex data sets using suitable analytical or computational approaches for validating hypotheses.	1.20	0.00	1.2	Not Attained
CO4	Demonstrate critical thinking for refining design methodologies based on iterative findings.	1.20	0.00	1.2	Not Attained
CO5	Compile and present the dissertation using standard academic and technical communication formats.	1.20	0.00	1.2	Not Attained
CO6	Apply ethical principles and professional standards for executing and documenting structural engineering research.	1.20	0.00	1.2	Not Attained

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

- CO1: Provided training on preparing structured research proposals with defined scope, methodology, and expected outcomes.
- CO2: Conducted hands-on sessions on modeling, meshing, and validation of structural models under various loading conditions.
- CO3: Trained students to preprocess and organize large experimental and simulation datasets for effective analysis.
- CO4: Conducted classroom lectures explaining project execution planning and the use of network diagrams like CPM and PERT.
- CO5: Conducted sessions on academic writing styles, citation methods, and plagiarism-free documentation.
- CO6: Guided students on maintaining transparency and accuracy in experimental and simulation results.

Course Coordinator

Mentor

Rajya Swetha  
Head of the Department  
Civil Engineering  
INSTITUTE OF AERONAUTICAL ENGINEERING  
Dundigal, Hyderabad - 500043, Telangana