



## STRUCTURAL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. NANNA SRI RAMYA	Department:	Structural Engineering
Regulation:	IARE - MT23	Batch:	2023-2025
Course Name:	Dissertation Viva-Voce	Course Code:	BSTD36
Semester:	IV	Target Value:	80% (2.4)

#### Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Demonstrate the ability to clearly articulate the research problem, objectives, scope, and significance of the dissertation work during the viva-voce examination.	2.00	0.00	2	Not Attained
CO2	Exhibit in-depth technical knowledge and mastery of advanced concepts, tools, codes, and analytical methods relevant to the chosen specialization.	2.00	0.00	2	Not Attained
CO3	Critically analyze experimental/analytical/modeling results and justify interpretations using logical reasoning, standards, and supporting literature.	2.00	0.00	2	Not Attained
CO4	Defend the research methodology, experimental design, simulation framework, and data processing techniques with conceptual clarity and technical rigor.	2.00	0.00	2	Not Attained
CO5	Communicate research findings effectively through a well-structured presentation, supported by high-quality visuals, technical writing, and professional responses to examiners.	2.00	0.00	2	Not Attained
CO6	Demonstrate research independence and scholarly competence by addressing examiner questions, identifying limitations, and suggesting future work based on the dissertation outcomes.	2.00	0.00	2	Not Attained

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

CO1: Conducted orientation sessions on framing clear research problems, objectives, and scope statements.  
CO2: Encouraged critical review of recent research literature to understand state-of-the-art methods.  
CO3: Guided students to apply logical reasoning for drawing conclusions from complex datasets.  
CO4: Conducted tutorials to clarify assumptions, limitations, and validation procedures for experiments and simulations.  
CO5: Assigned exercises to prepare slides and written reports adhering to professional standards.  
CO6: Demonstrated strategies for proposing feasible future work based on dissertation findings.

  
Course Coordinator

  
Mentor

  
Head of the Department