



# INSTITUTE OF AERONAUTICAL ENGINEERING (Autonomous)

Dundigal, Hyderabad - 500 043  
CIVIL ENGINEERING

## ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Dr Venu M	Department:	CE
Regulation:	IARE - R16	Batch:	2016 - 2020
Course Name:	Advanced Structural Analysis and Design	Course Code:	ACE016
Semester:	VII	Target Value:	60% (1.8)

### Attainment of COs:

Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1 Recall the concepts of indeterminacies, stiffness and flexibility of structures for analysing the structures subjected to different loads.	3.00	2.50	2.9	Attainment target reached
CO2 Analyse continuous beams, portal frames for the given loading conditions (vertical and horizontal loads) using the stiffness, flexibility, approximate methods for ensuring structural efficiency.	3.00	2.60	2.9	Attainment target reached
CO3 Infer the design concepts and IS codal provisions in the design of earth retaining structures, water tanks, deep foundations, flat slabs, storage bins and chimneys which will be guiding for designing structures by standard procedures.	3.00	2.70	2.9	Attainment target reached
CO4 Design retaining walls and water tanks include tanks resting on ground and overhead tanks for water storage and earth retaining purposes.	3.00	2.50	2.9	Attainment target reached
CO5 Design flat slabs and deep foundations in terms of physical dimensions and reinforcement details for designing multi storied structures and bridges.	3.00	2.60	2.9	Attainment target reached
CO6 Design bunkers, silos and chimneys which includes both reinforced concrete and steel for material storage and industry exhausts.	3.00	2.70	2.9	Attainment target reached

Action taken report:

  
Course Coordinator

  
Mentor

  
HOD

Head of the Department  
Civil Engineering  
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