



**INSTITUTE OF AERONAUTICAL ENGINEERING**  
(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

**CIVIL ENGINEERING**

**ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT**

Name of the faculty:	<b>Ms. PATNALA VS NEELIMA</b>	Department:	<b>Civil Engineering</b>
Regulation:	<b>IARE - R20</b>	Batch:	<b>2020-2024</b>
Course Name:	<b>Advanced Surveying Laboratory</b>	Course Code:	<b>ACEC21</b>
Semester:	<b>V</b>	Target Value:	<b>60% (1.8)</b>


**Attainment of COs:**

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Recall the concept of traversing in theodolite for measuring horizontal and vertical angles	3.00	0.00	3	Attained
CO2	Demonstrate trigonometric leveling for locating inaccessible heights and distances.	3.00	0.00	3	Attained
CO3	Identify the suitable repetition and reiteration methods in theodolite survey for tracing out the centering point on ground.	3.00	0.00	3	Attained
CO4	Examine the reduced levels using leveling apparatus for illustrating longitudinal section and cross section and plotting	3.00	0.00	3	Attained
CO5	Examine contours for investigating the suitable path along the alignment at conflict points.	3.00	0.00	3	Attained
CO6	Utilize the concept of remote elevation and remote distance in total station at various operating conditions and data record keeping.	3.00	0.00	3	Attained

**Action Taken:**

  
Course Coordinator

  
Mentor

  
Head of the Department  
Head of the Department  
Civil Engineering  
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